

## Walking the beat

New campus security director takes over.

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## A hot, dry season

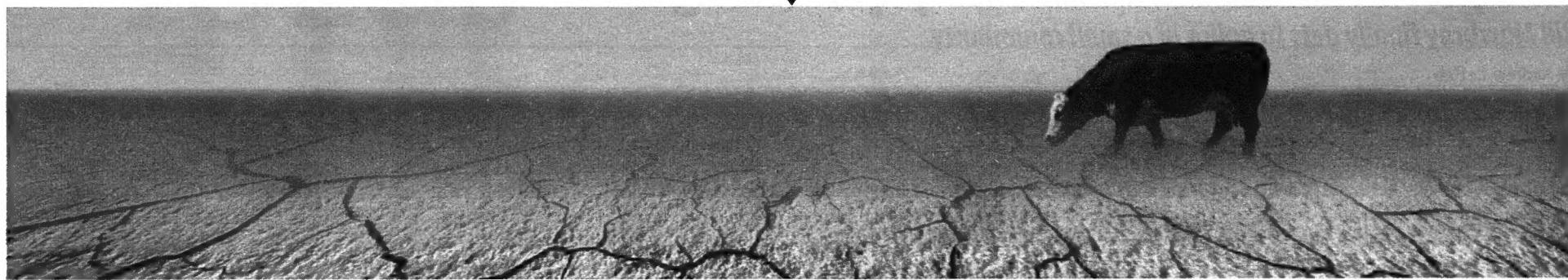
Alberta's farm community, including the U of A's own research ranch, is facing tough times.

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## Research reward

The university's new McCalla Professorship recipients have intriguing plans.

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UNIVERSITY OF ALBERTA

# folio

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## McDaniel honoured for excellence in teaching, research

### *Demographer chronicles "social silences"*

By Jacqueline Janelle

Educated as a social demographer, Dr. Susan McDaniel felt a disjunction between her life as a woman and the mechanical process of tabulating rates of fertility and mortality. Something was missing from the calculations: the human experience, the emotions that the numbers didn't take into account.

Once McDaniel started to ask "What is missing from this picture?" she uncovered a cavernous depth of "social silences," significant influences on people's lives that polite society wasn't eager to discuss.

From this line of inquiry, McDaniel has made a career of measuring the invisible, developing ground-breaking analytical frameworks that make tangible and quantifiable society's hidden dimensions—comprising everything from illegal abortions to the contributions of women inventors. Her intention has been to see how individual actions connect to create social structures.

Even more gratifying than putting her creative energies together for the public good, McDaniel can now point to the recognition of her peers, who've recently awarded her the highest tribute the University of Alberta bestows on its faculty, the University Cup. Given in recognition of faculty who have excelled in both research and teaching, McDaniel says that with the honour, her colleagues "are recognizing that I have been poking around the silences for a long time. The fact that it has made a difference is great fun and tremendously gratifying."

In fact, McDaniel says her career "has been like an adventure story." Her work has received significant attention from national newspapers. Her latest measure, developed at the behest of Canada's chief statistician, gauges science and technology within a social context. Everyone from the Russian government to the Clinton administration has been introduced to her framework to measure, among other things, levels of productivity and innovation.

McDaniel has always been passionate about teaching, deriving tremendous sat-



Dr. Susan McDaniel has been awarded the prestigious University Cup for 2002, recognizing excellence in research and teaching.

isfaction from imparting her experience and insights to students.

"In teaching you can encourage students to think deeply about how we operate within our society's restraints. It gives the chance to show students how to question the social environment in which they live. Knowing how to do that gives them power," said McDaniel. Contact with students helps research stay on the "cutting edge" she added, "because students spark new ideas."

New ideas and research findings need to be shared beyond the borders of the university, she says. Presenting at meetings and conferences is also critical to the research process. Sharing work with international colleagues not only gives relevance to current research, but also enhances the university's international reputation.

For that reason, McDaniel adds, pro-

fessors who are in high demand on the lecture circuit ought to be allowed more flexibility to serve both their students and their discipline. McDaniel is forced to turn down about 75 per cent of her invitations to speak.

She has to be judicious with that other 25 per cent: this summer, McDaniel was a plenary speaker at the prestigious World Congress of Sociology held in Australia. There she was elected vice president (publications) of the International Sociological Association. The nomination comes on the heels of her term as president of the Canadian Sociology and Anthropology Association. Only two days earlier, she presented a keynote address in the UK at an international symposium.

McDaniel is active in public service and policy-advising with the federal and provincial governments: she was

appointed by the Chief Statistician of Canada to the 2001 Census Communications Committee, sits as a member of the National Statistics Council of Canada and served as an expert advisor to the federal, provincial and territorial governments task force on Implications of an Aging Society. Her work has been recognized with numerous honours and awards including being inducted as a Fellow of the Royal Society of Canada and she is a recipient of the U of A's highest research honour, the J. Gordin Kaplan Award for Excellence in Research. She is also listed in the Who's Who of Women in the World and the Canadian Who's Who.

Despite earning the respect of her colleagues and influential institutions, and despite the tremendous importance her work has for social decision-making, McDaniel says sociological research is perennially caught in a quagmire, constantly asked to justify its existence.

"There's a contested notion of whether the 'social' matters," she said. "The world is hugely greedy for social knowledge, yet look at the funding it receives. It's appalling. We want information on, for example, how to deal with the implications of an aging population, yet society does not whole-heartedly support funding (the research)."

So, in a "cynical" world dominated by the political, the University Cup "focuses on what really matters, on what we really are about, and it says 'Teaching and research do matter.' It is infinitely more gratifying than the power politics," said McDaniel.

"I see this as coming not from the university administration but from students and colleagues who wrote letters of support. This amounts to a gift from them and that matters. It is wonderfully satisfying to know that I have touched people's lives in a way they value. It acknowledges that I am part of a community of scholars and generations of students. I feel part of this wide community, so why not have a celebration?" ■

# New campus security director a vocal proponent of community policing

**Bill Mowbray finally gets to police in a small community**

By Andrew Leitch

Cutting to the chase, so to speak, why would a cop with 30 years experience in a top policing organization—who nabbed bad guys on foot, by car and by helicopter, who hauled in murderers and drug dealers, who enjoyed a spacious office high in the downtown skyline, who was top brass and boss over hundreds of armed men and women—want to round out his career at the University of Alberta?

"It was the stuff TV is made of, I admit," says Bill Mowbray, a former superintendent with Edmonton Police Service and our new director of Campus Security Services (CSS), "But I'm a purist and a believer in community service—and

I always wanted to police in a small community."

In fact it was Mowbray's ideas of service that landed him the job at the U of A. It was those ideas, too, that led him to the Edmonton Police Service in 1973. He was one of those lucky people who knew what he wanted to be when he grew up.

"It was something I dreamed of and planned for, right from grade school. I always liked the idea of being out there in the city and involved with things as they happened, playing an important role in whatever events were going on at the time."

Like most new recruits, Mowbray began by walking the beat. "I still think that's the most fun area," he said. "I tell new recruits not to rush out of it. There's a lot to learn walking the beat."

His career path moved him through most areas of police work. Eventually he became a full-time "carpet cop" and spent four years as superintendent of the major crimes division, including armed robbery, homicide and the serious offenders unit. As the CSS director's position became available, Mowbray was superintendent of support division, where he oversaw communications, tactical and canine units, traffic, and flight operations.

Over the years he developed and became a vocal proponent of a model of service and relationship-building that had him on the North American lecture circuit. It was that model that most impressed Fran Trehearne, the president's strategic advisor and head of the search committee.

"What's important about Bill's

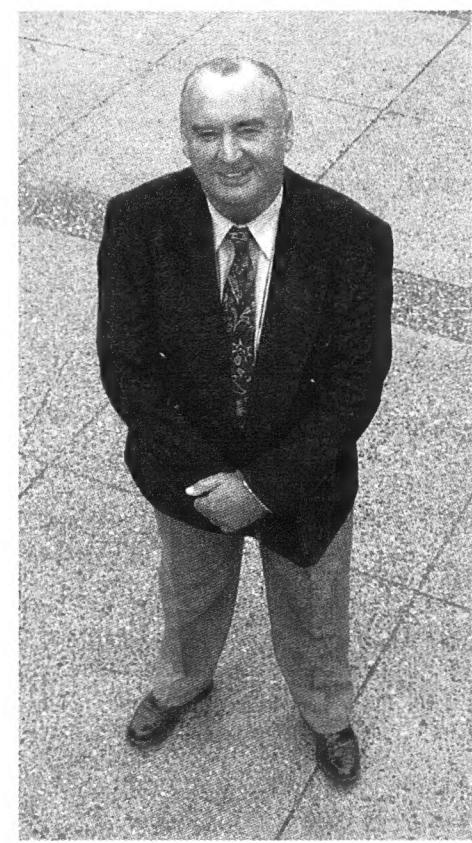
approach is that it's soundly based on a model of community policing and the goal of building resilient communities," said Trehearne. "Bill knows about enforcement, but he understands the importance of community. That's the exciting part. It's about one person meeting with another."

Mowbray's model includes four components: problem solving, partnerships, ownership and customer service. "If any one doesn't exist, the whole thing topples," he said. "I'm looking forward to putting together the pieces at the U of A."

Things have come a long way since 1973, when Mowbray joined the EPS. "Back then we were entirely reactive. When trouble brewed, we responded, dealt with it and went on to the next complaint. We supplied 'suppression policing' and worked independently from the community we served. We bought into the 'law enforcement' concept, which I personally think has done more harm to policing—within the ranks of police—than any other development in the last century."

Although his career path didn't include university, Mowbray's proud of his kids, two of whom studied at the U of A. His eldest, Chris, earned a master's degree in criminology and is a civilian member of the Edmonton Police Service. He too has lectured in various places across the continent.

Trehearne says Mowbray was the top choice of the selection committee and unanimous choice among all the student and staff associations. In addition to working closely with students and administration, Mowbray also intends to build even stronger connections with EPS, sharing information and training.



Former Edmonton Police Services Superintendent Bill Mowbray has taken on the role of Campus Security Services director.

Folio caught up with a member of CSS—a constable on bicycle—to get the buzz from the inside. "I like him," the constable said. "He's taking time to get to know the campus and to learn how things are done here. He's not forcing things but he has strong ideas of where he wants to go. I'm looking forward to seeing where he takes us." ■

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# folio

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# Pathologist spearheads Leonard Cohen celebration

**Event already has international flavour**

By Richard Cairney

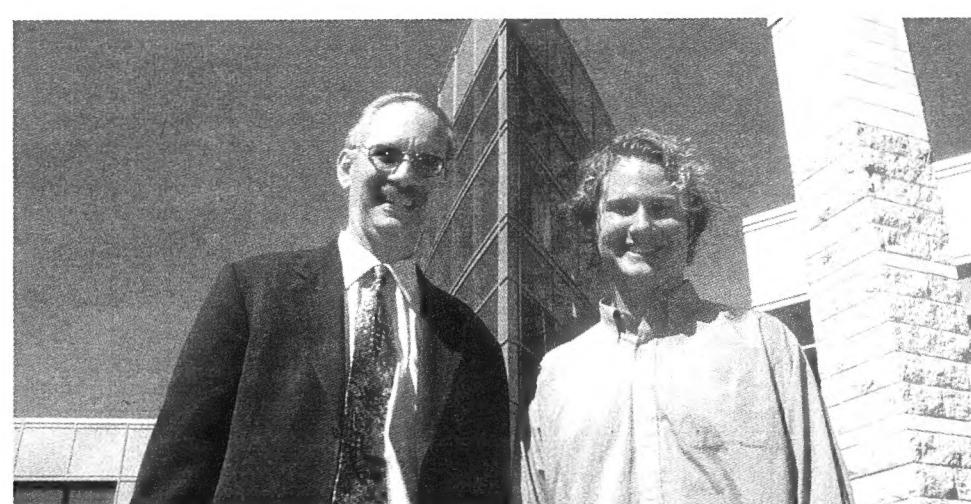
Quick—name Canada's best-loved poet. OK. Maybe "best-loved" isn't the most universal description for Leonard Cohen. But that doesn't matter to Dr. Kim Solez and his son Kevin, organizers of what is most likely Canada's first Leonard Cohen Night to honour an artist they regard as Canada's finest.

"I guess people can have a special event for anything they want to. For goodness sake—last year there was a 'Walk for Capitalism' here in town," said Kevin, a University of Alberta student who's completing an honours degree in classics. "We've chosen to hold a special night for Leonard Cohen because his work has always touched us. We want to say that out loud and honour this influence in our lives."

Kevin was 12 when he first heard Cohen's gravelly voice. His father, Kim Solez, a pathology professor in the Faculty of Medicine and Dentistry and an internationally recognized expert on reading kidney biopsies, had been a fan of Cohen's for years.

While in Scotland last year, the idea of holding Leonard Cohen Nights in the way Robbie Burns Nights events are held the world over struck him.

"Robbie Burns has a unique relationship to the culture of Scotland and Leonard Cohen is the same here," said Kim. "It doesn't matter if I'm wrong about



Dr. Kim Solez and his son, Kevin, are organizing an international Leonard Cohen Night at the Telus Centre on campus Sept. 21.

that—if this initiative is successful we will make it happen."

So the father and son have organized a Leonard Cohen Night on campus at the Telus Centre for Professional Development on Sept. 21, Cohen's birthday. It is one of five events the two are aware of. The organizer of a Leonard Cohen Night being held in Australia will attend.

Kim will perform a Leonard Cohen song, *Joan of Arc*, with San Francisco street musician Susan Holland. The two met earlier this year after Kim contacted Holland

to perform the song at a Cohen festival in Greece.

Kevin will pen a poem of his own to pay tribute to Cohen.

"People will be able to recite a Cohen poem or a song, but we won't be imposing on anyone," he said.

The \$45 admission to the event includes a meal and a 'Red Needles', Cohen's signature drink. Tickets are available at Albambra Books on Whyte Ave., online at <http://www.leonardcohen-nights.org/> or by calling 407-6862. ■

# Hard times on the farm

**Alberta's rural economy has been shaken at its roots**

By Richard Cairney

Like many of his neighbours ranching near Kinsella, AB., Barry Irving has been going through some tough times. Three consecutive years of drought have wreaked havoc on the 7,000-acre cattle operation he runs.

"This year has been the worst by far because of the cumulative effects. It'll take three or four or five years to recover," he said.

For years, his operation has turned a profit or broken even. But this year, for the first time, Irving expects the ranch he runs—the University of Alberta Kinsella Research Ranch—will suffer a financial loss.

In January, sensing hard times ahead, Irving sold off 60 calves about seven months earlier than he'd originally planned to. And he got a decent price for them, too.

"I should have sold the whole works—we would have done better," he said.

By the end of May, he'd sold off 340 more calves. "We'd sell them in lots of 100 or 120. We'd sell 100 and go a couple of weeks without rain and sell 100 more. We are continually gambling on price and moisture."

The odds have been stacked against prairie farmers for the past three years now. And even if precipitation levels returned to normal tomorrow, the impact of the drought will be felt in rural communities for the next few years. According to Dr. Jim Unterschultz, professor of rural economics at the U of A, the average consumer won't feel the blow inflicted by this summer's record dry spell, but the result of that lost revenue is going to ripple through farm communities for the next few years.

The map on the provincial government's Drought Watch Web site (<http://www.agr.gc.ca/pfra/drought/>) needs little elaboration. A sizable swath of red across central Alberta indicates a record-setting dry spell between last September and this August. The drought devastated the region's wheat and barley crops.

"I read recently what the expected production would be—it's way down for Alberta," Unterschultz said. "So overall in the prairies, we're looking at the lowest wheat crop in 30 years and the lowest barley crop in 30 years."

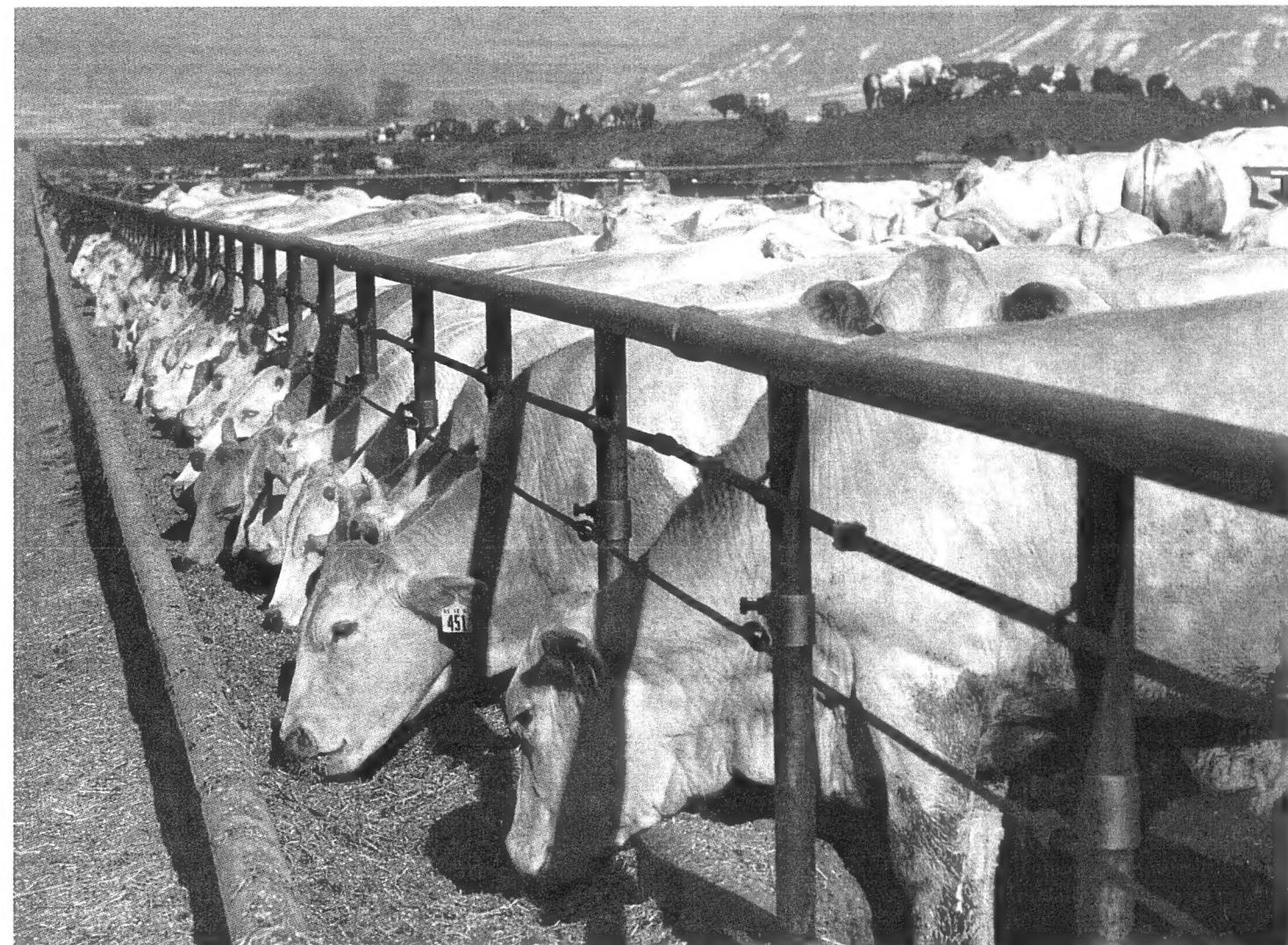
Alberta and Saskatchewan are the provinces hit hardest by the drought. Alberta is the biggest barley producer in Western Canada and "some areas are getting nothing" in terms of production, Unterschultz said.

"Cash sales at the farm level are about \$7 billion a year, give or take, and of that \$7 billion over half of that comes from livestock and the biggest portion of that is cattle. So in this province we have cash sales at the farm level related to cattle of, say, \$3 billion. The shortage of feed has a huge impact on primary agriculture in Alberta."

A shortage of feed grain has resulted in cattle farmers selling off their herds. Unterschultz says that up to 25 per cent of the two million cows in Alberta may be sold this year because there simply isn't anything to feed them.

*"This year has been the worst by far because of the cumulative effects. It'll take three or four or five years to recover."*

—Barry Irving



Alberta's agricultural communities have seen better days. A third year of drought has hit cattle producers hard.

The sale of cattle for slaughter means ranchers, like Irving, will have a few years of playing catch up just to get their herds back to where they were.

"The following year, when people start to consider rebuilding their cow herds, there will be fewer calves going to market. The decision to expand the herd takes three years if you're doing it, so that can have a huge impact."

But Unterschultz says this impact won't be felt at the supermarket—meat stocks are up because so many farmers are selling off their livestock for slaughter—but the impact will affect rural communities, where the economy is oriented around agriculture-oriented products and services.

"You've got a lot fewer dollars coming from primary agriculture [in rural communities], so as a result there are fewer dollars flowing into agriculture-related business, there's less money going to service industries that serve agriculture, such as machinery dealerships, and fertilizer suppliers. This will translate into fewer jobs. You're also going to have less handling of grain, which means less work for the railways."

One estimate, from the Canada West Equipment Dealers Association, foresees a 50 - 70 per cent drop-off in drought-afflicted areas for the sales of parts and services of farm equipment, because farmers may postpone repairs or sell off equipment to compensate for revenue losses.

Unterschultz says crop insurance and the Net Income Stabilization Account (which works as a sort of RRSP account for producers, as well as aid from financial institutions in the form of deferred loan payments, may ease the cash crunch this year, but they won't necessarily put farmers on solid ground to rebuild in better times.

*"If you get to defer your payments, it doesn't get easier even in better times to make up the difference. So yes, it's useful in terms of cash flow and in terms of the farmer surviving and staying in business, but it does come with some hardships in terms of cutting into future cash flow."*

But Dr. Mel Lerohl, a professor of rural economy at the U of A, says the drought isn't the Biblical catastrophe it is being made out to be in the

media. What has changed, he notes, is that the people suffering this year haven't experienced drought conditions like these before and may not have been prepared for them.

"It is bad in specific situations for people who have no crop insurance and no forage insurance; and it is especially bad for those people whose dugouts and water courses have dried up," Lerohl said.

"But the difficulties are specific to the people facing these circumstances...There is no disaster brewing. This is not the end of agriculture. This is something that hap-

pens from time to time."

Dr. Debra Davidson, a professor of environmental sociology, says the emotional state of those hit by the drought is often overlooked but is of paramount importance.

Those farmers who failed to insure their crops and have found themselves in dire straits stand to lose more than money. Losses will be felt personally as surely as they will be felt economically.

"There is a sense of identity in farming, so losing the farm isn't purely an economic event," Davidson said. "There is family wrapped up in this; there is community wrapped up in this. Agriculture is a source of identity."

If there is a positive side to the ongoing drought, it's that no one can hide their problems—communities are suffering and coping together, and perhaps growing stronger as a result.

Davidson doubts that efforts such as the national Hay West project, which has seen Ontario farmers donating hay to their Alberta counterparts, accomplish much in the long run.

"I'm no economist but—farmers helping farmers? Most of them are already economically stressed."

Irving admits to feeling the stress himself. The cattle he didn't sell have been feeding on pasture intended for use next spring. "So I've kind of mortgaged our future a bit to take care of this herd," he said.

"It's pretty depressing," he added. "But I'm a bit different—we make decisions for academic reasons. We know we need to keep 350 – 380 cows to support research." ■

—with files from Scott Lingley

# message from the president

## A community within a community

Campus comes alive once again

By Dr. Rod Fraser

Each summer a quiet lull envelops the University of Alberta, and each fall our campus awakens with the activities and hustle as everyone returns for another fall semester. Each morning, I watch students and staff, community members and visitors, flood our campus. There is no doubt that our university is truly a community within a community.

This year 32,000 students with outstanding potential will join or re-join our community, encouraged to become thoughtful, educated, well-rounded leaders of tomorrow, as befits our 94-year lega-

cy. This encouragement will happen in classrooms and on black boards, in cafeterias and on stages, in lecture halls and in labs as our nearly 6,000 staff and faculty foster this learning through the sharing of knowledge.

Every morning and often into the night our 317 classrooms, 41 student computer labs, 39 lecture theatres and six libraries, explode with insight and discovery as knowledge crosses the borders of research and into the minds of our students. They contribute and absorb, they create and realize, they laugh and learn,

eventually leaving our community taking with them a footprint of the University of Alberta, as they forge ahead, the next leaders of the new knowledge-based global economy.

It is amazing to reflect on the sheer magnitude of opportunities presented to each of us by the rich academic and extracurricular environment here at the University of Alberta. Each year, our campus hosts more than 150 musical concerts, while our minds travel elsewhere during one of the six main stage and 15 in-house drama productions. You could be taking

in one of the world experts presenting at our university, while your colleague is attending a professional development workshop. On another corner of campus, Campus Recreation is delivering more than 500 different activities throughout the year.

It is exhilarating to be on campus with each of you, integral members of our University of Alberta team, to share in the energy, experiences and contributions that we make while coming together, in a community within a community. Welcome back all. ■



## Registrar launches online registration

Students find system easier to work with

By Ryan Smith

The days of being stuck in lineups or phone system loops while trying to register for classes may soon be over for students at the University of Alberta. U of A administrators are hopeful that Bear Tracks, a new computer program that enables online registration, will streamline the registration process for both students and staff.

Offered through the Office of the Registrar and Student Awards Web site, Bear Tracks (<http://www.registrar.ualberta.ca/ro.cfm?id=299>) allows students to register for classes, drop and change classes, view their timetable schedule, check exam schedules, monitor their application status, and update personal contact information, all online.

Ten years in the planning, the service debuted July 24, live on the Web for a pilot group of students in the U of A Faculty of Physical Education and Recreation and at Faculté Saint-Jean. And the site has been incredibly popular. There have been more than 4 million hits on the Web site, representing over 67,000 visits by more than 20,000 unique visitors, said Flo DeCoteau, associate registrar and director of records at the U of A. The site's busiest day was Sept. 3, with 570,000 hits to the site, she added.

"I'm really happy to see we're finally going ahead with this," said Brad

Wuetherick, president of the U of A Graduate Students' Association. "If you want to compete for the top students, I think it's absolutely critical that you offer online registration."

"It's frustrating that we haven't had online registration until now, but it's much appreciated...I hated the telephone registration system," Wuetherick added.

DeCoteau noted a number of advantages that Bear Tracks offers that the phone registration system does not.

"The visual interface is more user-friendly than listening to long voice responses. The Bear Tracks timetable is a vast improvement over listening to classes, dates, times, and locations listed one by one. Also, class schedule information incorporates current enrolment information, which is new and allows students to ask for only those class sections where room is available," DeCoteau said.

The new system should also reduce calls to staff from students and applicants requiring information or assistance, DeCoteau said. She added that Bear Tracks is a secure system for students to use without fear that their personal information will be available to others on the Web, and the system includes a "problem reporting" capability for students having difficulty using the system's applications. ■

The new Bear Tracks online registration system has received rave reviews from students.

## Campus Rec reaches far and wide

Office runs city's largest fitness program

By Ryan Smith

More than 26,000 registrants participated in more than 500 courses and activities offered by University of Alberta Campus Recreation office in the 2001-2002 academic year. The registration level was just less than the record-breaking level reached the year before.

"We're pleased that we were able to keep pace with demand," said Hugh Hoyles, manager of 'campus rec' at the U of A.

"We serve the entire U of A community and run the biggest fitness program in Edmonton," Hoyles added.

"We integrate our programs so that students, faculty, and non-academic staff can all participate together, and I think our programs serve to break down barriers on

campus and improve the quality of people's lives."

The campus rec office organizes programs ranging from intramural activities, such as soccer and softball, to campus fitness and lifestyle programs, such as kick boxing and yoga, to clubs, such as ultimate frisbee and triathlon, to non-credit instructional classes, such as bike maintenance and salsa dancing, to special events, such as the annual skate give away for foreign students.

"I've noticed a definite increase in the

number of students in my mind and body classes, such as pilates," said Lana

Asuchak, who received a master's degree from the U of A last year in physical education and recreation and has taught fitness classes at the U of A for the past 10 years.

"My students work hard, but I try to make sure they have fun, too," she added. "I'm pretty sure they enjoy the mental break from their offices and classrooms."

Lana Asuchak

Hoyles is also pleased that 131 people joined the Campus Recreation Participation Pack, a program introduced last year that rewards participants when

they reach their self-directed exercise goals. "Not everyone is a jock and into competitive activities," Hoyles said. "But we want to recognize everyone who is active, even if their activity is to go for a walk by themselves at lunch."

Hoyles hopes the participation pack will grow next year.

He said plans are also in the works to add shinny hockey to the list of programs available.

"We do whatever we can to promote active, healthy living," he said. "Whenever a new building goes up on campus, we want exercise facilities and showers and locker rooms built into them...Campus rec is all about improving the quality of life for everyone." ■

# The boy who wouldn't smile

**Students brought happiness to thousands of children; one remained distant**

By Stephen Osadetz

He called him 'the expressionless boy'. He was Burmese and five years old. For six weeks this summer, Marcy Caouette, a University of Alberta resource management student, played with the boy and thousands of children like him at a refugee camp on the border of Thailand and Burma. But unlike the 3,700 other children Caouette saw in camp, the expressionless boy didn't smile once.

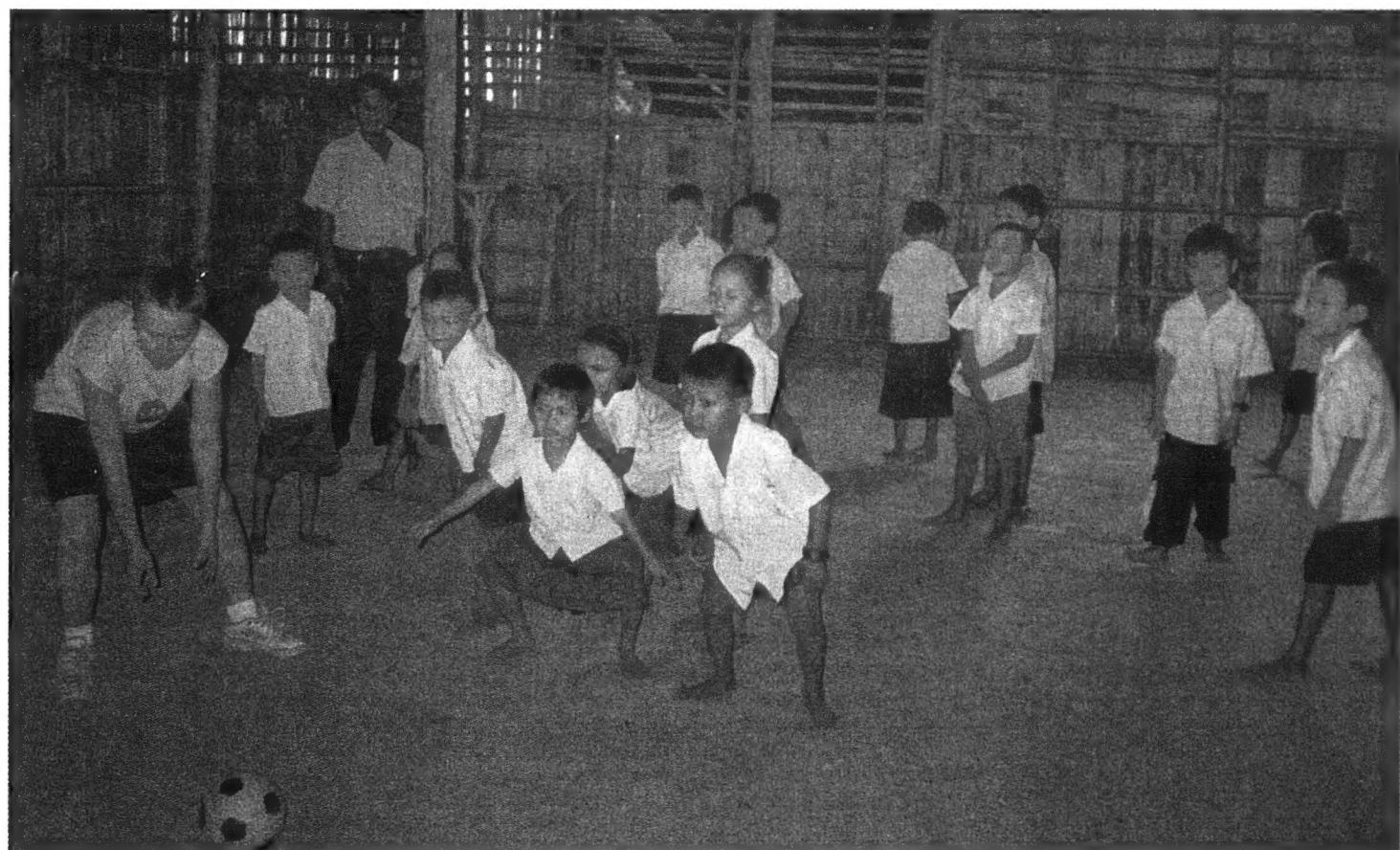
Caouette and her partner at the refugee camp, Claire Dulac, were two of 11 U of A students who spent their summer volunteering in Thailand, trying to get the kids there to play games like tag and basketball. Each day, kids would come running up, laughing and screaming, to the bamboo hall where Caouette and Dulac held their programs in the heat of the day. "And this little boy, he never had any expression on his face, and so I tickled him and played with him, and he never cracked a smile, ever. It totally broke my heart."

At one point, the boy's teacher told him to smile for Caouette. "He forced the smile onto his face. It was painful to watch, so I said to his teacher, 'make him stop, make him stop.'"

The initiative that Caouette and the 10 other students are a part of is headed by Jane Vallentyne, a U of A professor of physical education, and Dr. Mike Mahon, dean of physical education and recreation. The students were in Thailand since June; seven recently returned home, and the rest are staying for another three months. Over the past three years, Vallentyne's been

"I tickled him and played with him, and he never cracked a smile, ever. It totally broke my heart."

—Marcy Caouette



U of A Students brought fun and games to children at a refugee camp in Thailand this summer.

looking into ways to provide physical activities for special needs children in and around the area of Pattaya, Thailand.

Last year, most of the efforts focussed on a particularly destitute orphanage; this year, when the second contingent went, students found that conditions in the orphanage had improved greatly, so they expanded into the surrounding community, working with street kids, disabled people, and, in Caouette and Dulac's case, refugees. This year, as the program expanded, it was also offered as a course for the students, most of whom, like

Vallentyne, are connected to the faculty of physical education.

"We had tried a pilot project last year with only six students, and we worked only in Pattaya, and only for six weeks," Vallentyne said. "The students themselves said last year that we'd have to stay longer to make an impact. But the interesting thing was that when we got there this year, there were just tons of improvements, which is absolutely wonderful."

At first, though, Caouette and Dulac couldn't even get into the refugee camp. Fighting had broken out between the

Thais and Burmese, and the Thai government sealed the refugee camp. Finally, with the help of the United Nations High Commission for Refugees, the two women were able to get special access to the camp and work with the children, even though it remained closed to all other visitors.

For Caouette, it's impossible to imagine what conditions the expressionless boy had had to live with. "Things were so bad in the refugee camp, and to think that they were even worse where he came from, it's horrible." ■

## Bears and Oilers mix on ice

**U of A employee sets up shop between the pipes**

By Ryan Smith

Every day during the last couple of weeks, Derek Shybunka has been going home from his job at the University of Alberta with a new set of bruises.

The co-ordinator of U of A alumni chapters has been volunteering during the afternoons as one of two goalies at the Potential 100 hockey camp, being held at Clare Drake Arena on campus until Sept. 12. Shybunka, a former Golden Bears hockey all-star goaltender, has been staring down National Hockey League stars such as Ryan Smyth and Mike Comrie.

The camps run two hours a day and include at least 30 minutes of straight shooting drills. "My first day, I saw more shots in 30 minutes than I had seen in three years," Shybunka said weary. "It's a lot of rubber, but I've only been hit in the head four times—when these guys shoot, they know where it's going."

The camp, which handles about 20-30 players a day, includes a handful of current Golden Bears players who participate on a rotating basis, and Edmonton Oilers such as Smyth, Comrie, Georges Laraque, Todd Marchant, Dan Cleary, and Josh Green. There are also many other profes-

sional players, most of them from the American Hockey League.

The training sessions are run by U of A coaches and are designed to prepare and condition the players for their upcoming training camps. The professionals pay \$275 for a block of five training sessions, with a "great percentage" of the proceeds going to the U of A Golden Bears hockey scholarship fund, said U of A hockey coach Rob Daum.

"Also, it's a great experience for our players at the U of A to be able to compete against some of the best players in the world for a few days," Daum added.

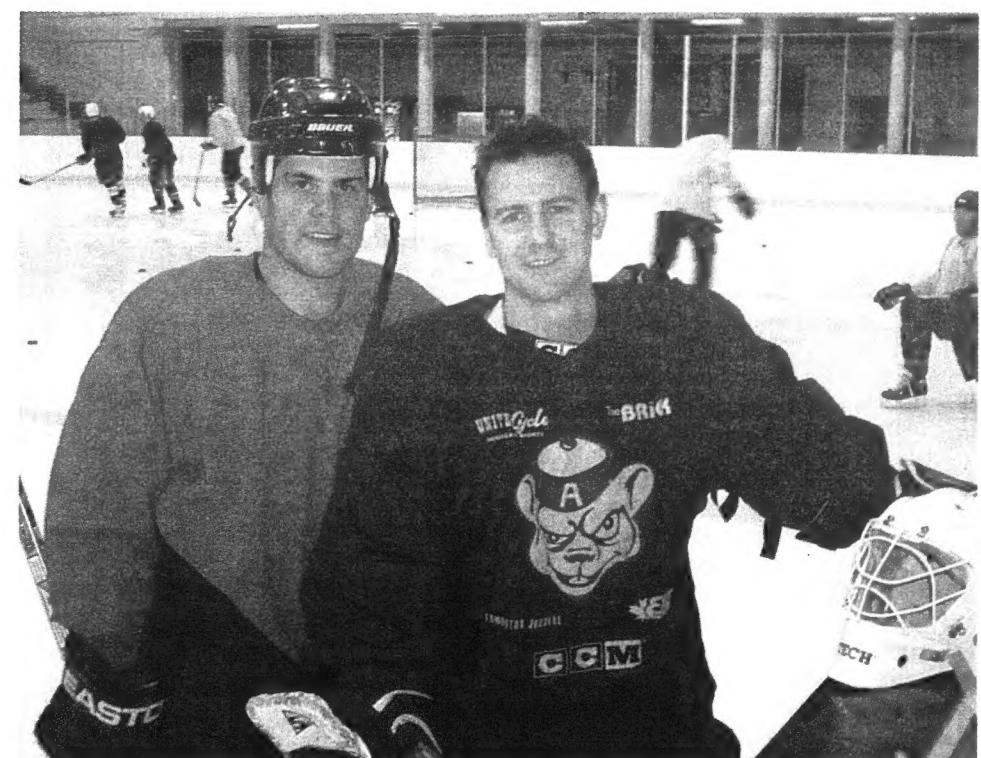
Although all the drills and scrimmages are non-contact, Shybunka said the intensity on the ice is high. "Those guys are fast—so fast," he said. "And it's intense because they are all so good; in fact, I think

that's why they are so good, because they always practice with such intensity."

Shybunka has been most impressed by Canadian Olympian Ryan Smyth. "The best guys also seem to be the hardest workers, and Ryan Smyth works the hardest of all. He plays shinny hockey as hard

"The best guys also seem to be the hardest workers, and Ryan Smyth works the hardest of all. He plays shinny hockey as hard as he plays in the NHL; he's always in the corners kicking and scrapping. Playing against him is more of a battle than anything I've experienced."

—Derek Shybunka



Bruised but happy, U of A staffer Derek Shybunka (right) takes a break from the action at a conditioning camp, with Edmonton Oilers forward Mike Comrie.

as he plays in the NHL; he's always in the corners kicking and scrapping. Playing against him is more of a battle than anything I've experienced," said Shybunka, who played two years of professional hockey in the Central Hockey League during the late '90s.

"This is a good way to sort of get my feet wet with my teammates," Smyth said of the U of A program. "I look forward to it every year—it's almost like a training camp itself. It's well-known and the coaches here always do a great job putting it together." ■

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## How I spent my summer vacation

Grade 12 students worked alongside university researchers

By Ryan Smith



High school teacher Kerry Rose, left, was impressed by the work student Katie Cockburn took on at the U of A this summer.

8-1/2 years. "If we can understand at a very fundamental, molecular level how this gene works and contributes to birth defects and cancer development, then we can begin to define new therapies and treatments for these conditions," said Underhill, a genetics researcher and AHFMR scholar at the U of A.

Cockburn's two high school science teachers, Kerry Rose and Audrey Visser-Wiersma, were impressed, but not surprised, at Cockburn's work this summer.

**I**t was an unusual sight when a group of high school teachers showed up on the U of A campus in mid-August to find out how 20 of their students had been spending the summer. The students, all from northern Alberta and entering Grade 12, had been conducting medical research at labs across campus as part of the Heritage Youth Researcher Summer (HYRS) program, sponsored by the Alberta Heritage Foundation for Medical Research (AHFMR).

Katie Cockburn, a student at Salisbury Composite High School in Sherwood Park, was working in Dr. Alan Underhill's lab at the U of A to help solve the mystery of Pax3, a gene known to cause birth defects such as spina bifida. Recently, the gene has also been linked to skin cancer development.

"I prepared several plasmids that when activated by Pax3 in cells allow us to understand how Pax3 may affect those cells," Cockburn explained. "I've been able to learn a lot of things about research and genetics that we don't cover in school, and I feel like I've made a small contribution to help us get a better understanding of Pax3."

Getting a better understanding of Pax3 has been Underhill's mission for the past

Cockburn plans to explore fields of science other than genetics, such as microbiology, before settling on an area she'd like to specialize in; however, she does know that she wants to continue conducting scientific research in the future, which is exactly the aim of the HYRS program.

Now in its third year, the HYRS program is an offshoot of the successful Women in Scholarship, Engineering, Science and Technology Summer Research Program. HYRS allows talented high school students to conduct research at a university during the summer, with the hope that the experience will encourage the students to become research scientists. ■

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## WISEST wraps up summer research

Program spreads focus to include more young men

By Stephen Osadetz

**O**nly 16 years old, high school student Marc Yu is something of a prodigy. He has just finished a research stint with the University of Alberta International Institute for Qualitative Methodology, and he is on the verge of co-authoring his first academic paper.

Yu was one of only five young men to have his research project sponsored by the Women in Scholarship, Engineering, Science and Technology (WISEST), which finished its eighteenth annual summer research program in August with a poster session at Lister Hall.

But being one of only a few young men in a program that is 90-per-cent female wasn't a problem for Yu. "The WISEST program, in my opinion, is about more than just promoting women in science. It's also about getting the different genders to look into non-standard careers."

Yu got into his program through the Faculty of Nursing, where he helped to study how familial relationships affect the way teenagers with diabetes deal with their disease. For Yu, the most exciting part about working at the university was that "in high school, they want you to come to a conclusion that has already been arrived at. They're not letting you actually analyze data, so this was an experience where I took on the responsibility of researching."

The WISEST summer research program mainly encourages women to pursue careers in the male-dominated fields of science and engineering, but it also encourages young men such as Yu to pursue research in areas such as nursing and

human ecology. The Grade 11 students are paired with researchers at the U of A in six-week research projects.

Dr. Margaret-Ann Armour, vice-chair of the WISEST program, spent time talking with the students about their research. "We've found from research that the likelihood of these students choosing to go on to graduate school is greater because of this program. It's only because we followed WISEST students for six years that we discovered that."

Another of the WISEST students is Stephanie Hui, who is going into Grade 12 at Old Strathcona High School in Edmonton this fall, and who spent her summer updating Web pages for Rob Lake, the lead systems research analyst for the U of A department of computing science. Before starting her work, Hui had no idea what she wanted to pursue as a career. Now, though, she's set on computing science. "I'm not an incredibly social person, so computers are good for me," she laughed.

Lake was pleased to be Hui's supervisor. "Stephanie, I found, was very independent. There was a learning curve for her at the beginning, because she came from a Microsoft Windows environment; she had to learn an entirely new operating system, but she did very well."

Lake chose to focus Hui on Web design because "HTML is something that's very straightforward and that gives her a chance to get her feet wet in computing science without getting overwhelmed. It's perfect for her." ■

# Winning writer plans return trip to Afghanistan

Bishop sets sights on desecrated statues

By Stephen Osadetz

Perhaps it is fate that Dr. Ted Bishop won the 2002 Mactaggart Writing Award, a \$10,000 prize given in even years to a professor who wins an essay contest through the University of Alberta Faculty of Arts. Bishop won with an essay on a subject that he's written about a lot in the past few years: a terrible motorcycle accident that left his spine broken and his lungs collapsed.

Now, after trying to deal with that traumatic experience by writing about it, Bishop wants to use the award money, which must be spent on travel, to return to the place where he began writing—Afghanistan.

In 1972, Bishop made his first trip through the country, the typical young Westerner looking for adventure. A few months before the Afghan monarchy fell, Bishop travelled from Herat to Kandahar and up to Kabul, taking in the Afghan culture. As he travelled, he recorded his experiences, making Afghanistan the place of his first encounter with non-fiction writing. One page of Bishop's journal, however, remained unwritten.

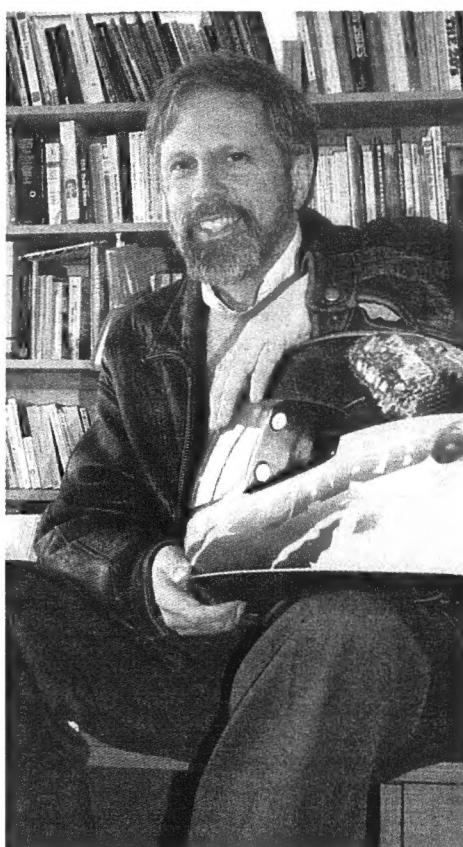
While he was in Kabul, Bishop had the chance to make the trip to Bamiyan, where 1,800-year-old, 53-metre-tall statues of Buddha were carved right into the face of a cliff. But just before going to Bamiyan, Bishop suffered severe food poisoning and never made it to the site.

Missing Bamiyan was Bishop's greatest regret about his trip to Afghanistan—he promised himself that one day he would go back to see the megaliths. But last year, just before the Taliban regime fell, it blew apart the statues, leaving nothing but scarred cliffs for Bishop to return to.

"Bamiyan was gone," Bishop said. "They had obliterated it. The small satisfaction that I got was that it took the Taliban a long time to do it. They tried mortars and cannons and dynamite, and all I could think was, 'Good! At least it caused them some trouble.'"

Now that the fighting in Afghanistan is cooling down, there has been talk in the international community of rebuilding the statues at Bamiyan. If the plan does go ahead, Bishop says, his hope is to use the Mactaggart money to return to Afghanistan and chronicle the reconstruction.

It's a chance, Bishop thinks, to add a different perspective to the narrow picture of Afghanistan that journalists from the West have painted since the war began. "A lot of Afghanistan does look like a gravel



Dr. Ted Bishop hopes to complete a journey he began three decades ago.

pit. It's very, very harsh. At one time, though, it was also a centre of the arts—Bamiyan's an example of that. You never see anything written about Afghanistan's cultural heritage these days. You get the impression that it's a country of only warlords and peasants, and that's not how I saw it," Bishop said.

The one thing that might hold him back from going to Afghanistan, though, is the concern of his family and friends. "They tease me, that if I'm making money by writing about crashing and nearly killing myself on my motorcycle, then I shouldn't use the money to go off and risk getting killed again."

But the risk may be easily outweighed by what Bishop sees as a chance to do something of enormous personal importance. "When people go travelling, what they really learn isn't about other cultures, but about themselves." This is a lesson that Bishop will bring to a senior class he will teach this winter in travel writing. "And if they're really lucky, they learn something about their own culture, too." ■

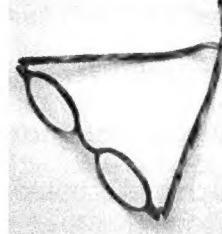
—Ted Bishop

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# McCalla Professors push research boundaries

Inquiry ranges from literacy to literature and nano to global

Part of the University of Alberta's Endowment Fund for the Future and named after the first dean of the Faculty of Graduate Studies and Research, the McCalla Professorship recipients are released from teaching duties for a nine-month period to further their research and scholarly activities. These individuals, nominated by their faculty, are outstanding academics who have made significant contributions to their field of research.

The following is a brief description of the work being conducted by the 2002-2003 McCalla Professorship recipients.



Linda McCargar (right)

## FACULTY OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS LINDA MCCARGAR (AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE)

Nutrition and physical activity are key lifestyle determinants that can have a major influence on prevention and/or risk reduction of many chronic diseases. Heart disease, cancer, obesity, hypertension and diabetes affect a significant portion of the Canadian population. This subsequently may affect quality of life, health care requirements, productivity and financial status. All of these diseases have strong associations with lifestyle factors. Scientists, health professionals and consumers are realizing that a healthy lifestyle is an important health goal. A recent trend for health organizations is to recommend health promotion strategies for healthy eating and active living for individuals, communities and populations. Intuitively, this is an important and logical approach to health; however it is also important to document the impact of such strategies. The goal of this research would be to investigate ways to operationalize these messages into lifestyle strategies and assess measurable health outcomes. In particular, an investigation of the definition and measurement of healthy eating will be implemented.

## JANET FAST (HUMAN ECOLOGY)

The Productive Activity in Later Life project explores how engaging in productive activity contributes to older Canadians' quality of life. This question is important because remaining active and involved has been found to contribute to successful aging, health and well-being. In addition, failure to consider contributions of the entire population in policy decision making disenfranchises whole segments of society and gives a distorted view of the productivity of society as a whole. Findings will enhance our understanding

of healthy aging and facilitate development of policy that improves the economic and social well-being of an aging Canadian population.

## FACULTY OF ARTS LIZ INGRAM (ART AND DESIGN)

During the tenure of this McCalla I plan to research and develop images and methods of presentation that will further integrate the viewer, in an experiential way, into my work. I plan to produce print, photo, and installation art works that combine images of the human body, images of water and related sound tracks. The production will take the form of both floor pieces and wall pieces, and will involve the combined use of computer imaging technology and hard-printing traditional etching techniques. Through this new work I am attempting to heighten the viewers' awareness of their spiritual nature and biological pace, and to increase consciousness of their own fragility. The subject of this work is the temporal nature of life and the vulnerability of two essential sources for human continuity—water and intimacy.

## NORA STOVEL (ENGLISH)

My McCalla project is a monograph entitled Diving Margaret Laurence: A Critical Study. It will address all of Laurence's writings, including her five African texts, her four children's books, her juvenilia, her autobiographical works, and her five Canadian novels – her "Manawaka cycle".

My study will include a chapter on each phase of her writing career, totalling 12 chapters in all, plus introductory and concluding chapters. None of the existing studies of Laurence discuss all of her writing. This inclusive structure will enable me to demonstrate the development of her genius: Laurence's life informed her fiction, her experience of living in and writing about Africa made

her the great novelist of Canada, and portraying African independence inspired her to portray the empowerment of women in her Canadian fiction. I will draw on James King's recent biography of Laurence, her manuscripts, her correspondence, and the published criticism of her work.

## ADAM KRIMS (MUSIC)

My McCalla research project is to finish writing a monograph entitled Music and Urban Geography: Changing Cities and Culture. The book will describe momentous changes in most cities of the developed world over roughly the past 30 years, as they have been documented by urban geographers; and it will theorize important consequences of those transformations for musical culture. Those consequences range from changes in the urban imagery of popular music, to new func-



Adam Krims



Linda Phillips

Linda Reif

my current research is the application of a perspectival theory of reading to the primary documents used by teaching of reading: ministry of education curriculum and assessment guidelines, and commercial reading program authorized for use in Canadian schools.

## FACULTY OF EDUCATION MINGJIANG ZUO (MECHANICAL ENGINEERING)

Over the past 15 years, Dr. Zuo has developed theoretical models for evaluating system reliability and modeling deteriorating equipment. As a McCalla Professor, Dr. Zuo plans to develop advanced methods for maintenance optimization using vibration signals that reflect the health status of industrial equipment. The issues to be addressed include vibration signal analysis, fault diagnosis, degradation modeling, and optimal decision making in terms of equipment operation and maintenance. The techniques to be investigated include database development of common faults, wavelet analysis for fault diagnosis, neural networks and support vector machines for remaining-life

epidemiology of mental disorders using data collected from at-risk populations. Current studies are directed at such questions as: Why is the rate of attempted suicide in Edmonton so high, and what are the risk factors for repeat attempt? What is the long-term outcome of patients with schizophrenia? Do anxiety disorders run in families? What proportion of family doctor visits are for an emotional problem?

Through his research, Dr. Newman aims to better characterize the magnitude and impact of mental disorders.

## STEVE HARVEY (PHYSIOLOGY)

Our recent discovery of widespread growth hormone (GH) immunoreactivity in the neural retina of chick embryos suggests it may be involved in retinal neurogenesis, especially as GH is known to have retinal sites of action and is implicated in retinopathy and other retinal diseases. Neurogenesis involves apoptosis and cell survival, and GH acts as a survival factor in other sites of GH action by suppressing apoptosis. The possibility that retinal GH induces neurogenesis by local anti-apoptotic actions is the focus of the proposed McCalla Professorship research. The spe-

cific aims of the proposed research are (1) to determine if the neural retina is a site of GH production, secretion and action during early chick embryogenesis, and (2) to determine if GH is involved in the apoptosis of neural retinal cells during the first wave of apoptotic cell death.

## FACULTY OF NURSING BEVERLY O'BRIEN

The investigator has developed a research program to promote comfort during pregnancy, labour, birth, and the first month after birth. A current project is to learn what happens to women who choose registered midwives as their primary caregivers. Low-risk pregnant women (158) from four health regions including Capital, Calgary, David Thompson, and Westview are receiving funded midwifery care throughout their pregnancy, birth, and early motherhood period. Other projects evaluate ways to increase comfort during pregnancy by reducing 'morning sickness'. Her graduate students are conducting studies to promote comfort during labour and when caring for newborns.

## FACULTY OF SCIENCE LIANG LI (CHEMISTRY)

Proteome study, or proteomics, is a new and rapidly advancing field that involves the studies of global changes of proteins in a cell. Many proteomics applications involve the identification and characterization of the entire proteome or a subset of proteome expressed at different stages of cell or tissue development. Having done so, one can then correlate any changes in proteome to a specific biological event (e.g., tumor progression) so as to reveal the specific functions of the proteins involved. In proteomics, proteome analysis is the key step. Recent advances in mass spectrometry have made proteome analysis a manageable task. However, we are still facing a number of important challenges in proteome analysis, such as the difficulty of analyzing low-

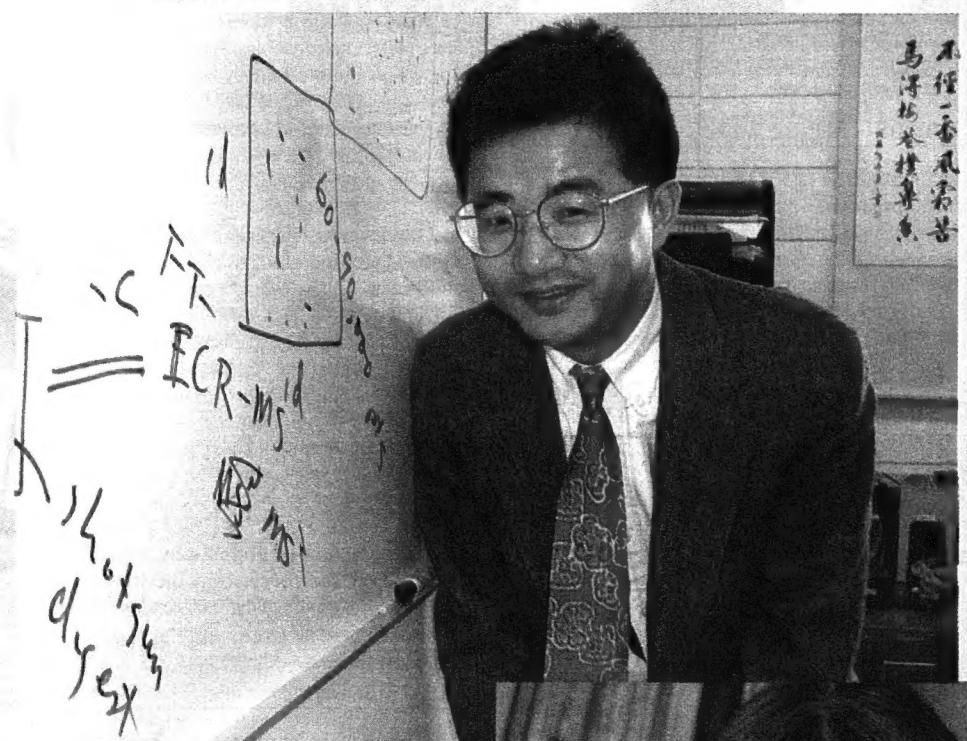
abundance proteins, the difficulty of characterizing post-translation modifications (PTMs) of proteins, and low-sample throughput. Our research is in the area of developing new analytical tools to meet these challenges. During the tenure of the McCalla Professorship, I will focus on developing a nanoliter sample handling technique for mass spectrometric identification of proteins at trace levels. In our method, instead of the conventional process of handling microlitre volume of samples, we carry out all chemical and enzymatic reactions in nanoliter or sub-nanoliter volumes. The applications of this method will be demonstrated in several proteomics projects with the collaboration of researchers from biochemical and biomedical sciences.

## ROBERT CREASER (EARTH AND ATMOSPHERIC SCIENCES)

My research involves the use of isotope geochemistry to unravel geologic events and understand geologic and geochemical processes that shape the evolution of Earth's crust. Specifically, the use of radioisotopes to accurately measure geologic time is a fundamental tool in the Earth Scientist's analytical tool kit. Many important types of rocks and minerals cannot be age-dated using isotope systems commonly available, but over the last 10 years, significant analytical advancements have enabled an isotope system based upon the rare chemical elements rhenium (Re) and osmium (Os) to be utilized. These chemical elements are concentrated in sulfide minerals and they also possess an important organic geochemistry. This affords the isotope geochemist access, with a geochronometer, to processes not accessible with other isotope systems. The McCalla Professorship will enable me to further develop the promising geochronometer based on Re and Os in two areas. One research effort will focus on the use of organic material such as asphaltenes, bitumen and crude oils in Re-Os dating. The second area of research focus will be to fully test the ability of the Re-Os isotope system to provide formation ages for sulfide minerals.

## FRANK MARSIGLIO (PHYSICS)

The superconducting state represents a new state of matter for a metal. Such a state is special for two reasons: it will conduct electricity without loss indefinitely, and it will expel a magnetic field. Both properties are useful. Why are superconductors not more readily used? Unfortunately, the transition temperature in known real materials has so far not exceeded 133 K (about -140 C). My research focuses on why some materials superconduct at much higher temperatures than others, and what we need to do (by way of materials engineering) to raise these transition temperatures to room temperature (and possibly beyond). We have known for many years that for superconductivity to occur, two electrons must effectively be attracted to one another (remember two electrons repel one another!). How this is accomplished has been roughly understood for years, but it is possibly in the details that an optimization can occur in nature, thus leading to high-transition temperatures. Essentially, the electrons utilize the ions to entice one another to form a pair. This process is subtle, because electrons must pair in a sophisticated 'dance', yet avoid the tendency to simply form a static modulated charge density pattern. We will work on models that account for the crystal structure, and hopefully unravel possibilities that lead to optimized transition temperatures in real materials. ■





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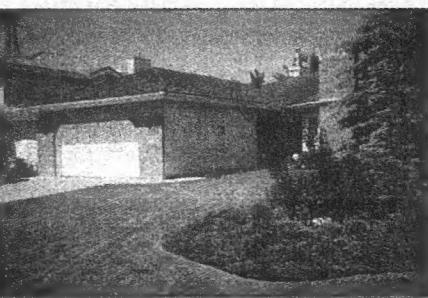
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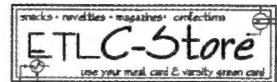
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# talks & events

Submit talks and events to Cora Doucette by 9 a.m. one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.expressnews.ualberta.ca/ualberta/L2.cfm?c=10>**

### APR 01 - OCT 31 2002

#### Standard First Aid/Heartsaver Courses.

The Office of Environmental Health and Safety has arranged for Standard First Aid/Heartsaver courses to be held on campus once again this year. The training is comprised of two full-day sessions (8:00 a.m. to 4:00 p.m.) with morning, lunch and afternoon breaks. The cost is \$80.00 per person. The first course will be held in early April and the last at the end of October. Registration is limited due to classroom size. For further information and registration forms please call Cindy Ferris at 492-1810 or e-mail [cindy.ferris@ualberta.ca](mailto:cindy.ferris@ualberta.ca) or visit the home page at <http://www.ehs.ualberta.ca/training.htm#CPR>

### MAY 15 - DEC 31 2002

**Speakers' Bureau** Academic Technologies for Learning presents the Speakers' Bureau, a series of free sessions on a variety of topics dedicated to advancing the pedagogy of educational technologies at the University of Alberta. Available to faculty members, sessional instructors, and graduate students, we will bring these sessions to the location and time that are convenient for you. For a full listing of sessions, visit the ATL Web site at <http://www.atl.ualberta.ca/>. Speakers' Bureau brochures are available upon request. If these sessions don't meet your needs, we are also interested in your ideas for other topics and will be pleased to discuss tailoring sessions to meet your particular needs. Contact Cheryl Whitelaw at [cheryl.whitelaw@ualberta.ca](mailto:cheryl.whitelaw@ualberta.ca) for more information or to set up a session and at a location near you.

### MAY 05 - SEP 12 2002

**Quilts: the fabric of our lives** This exhibit focuses on how we have recycled textiles in our lives to create beautiful quilts, which further document the lived "fabric of our lives". Examples of 19th and 20th century quilts, clothing and textiles will be shown. Times: Monday to Friday 7 a.m. - 9 p.m.; Saturday 8 a.m. - 4 p.m.; Sundays & holidays 12 noon - 4 p.m. Happens at the Lobby Gallery, Human Ecology Building, University of Alberta. Running 05 May 2002 to 12 Sept 2002.

### AUG 06 - SEP 07 2002

**Surface & Mettle: an exhibition of prints pertaining to vernacular culture** Event sponsored by Department of Art and Design. Surface & Mettle: an exhibition of prints pertaining to vernacular culture. The reception for the Surface and Mettle exhibition will be held on Friday, September 6, 2002, at the Fine Arts Building Gallery. The Gallery is open Tuesday - Friday, 10:00 a.m. to 1:00 p.m. and 2:00 p.m. to 5:00 p.m., as well as on Saturday, 2:00 p.m. to 5:00 p.m. The Gallery is closed on Sunday, Monday, and statutory holidays. Location: Fine Arts Building Gallery, rm. 1-1 Fine Arts Building, University of Alberta, 112 street and 89 avenue. Running August 6, 2002 to September 7, 2002.

### AUG 29 - DEC 10 2002

**Faculty Badminton Club, New Season** The Faculty Badminton Club invites faculty and academic staff to join us Wednesdays from 1930-2200 in the Education Gym, starting on September 11th. Friendly atmosphere, all levels welcome. Contact: John McPherson at [twosheds@shaw.ca](mailto:twosheds@shaw.ca) Location: Education Gym. Running August 29, 2002 to December 10, 2002.

### SEP 06 2002

**Department of Music** Music at Convocation Hall. Janet Scott Hoyt, piano. Martin Rizeley and Alycia Au, violin. Aaron Au, viola. Tanya Prochazka, cello. Chamber Music by Elgar. String Quartet, Op 83. Violin Sonata, Op 82. Piano Quintet, Op 84. Admission: \$12/adult, \$7/student/senior. 8:00 p.m.

### SEP 06 2002

**The Bernoulli Equation of Hydrodynamics** Event sponsored by Chemical & Materials Engineering Seminar: "The Bernoulli Equation of Hydrodynamics" by R. Byron Bird, Professor Emeritus, Chemical Engineering Department, University of Wisconsin-Madison. Time: 2 p.m. on September 6, 2002. Please call 492-3321 for more information. Location: TBA.

### SEP 06 2002

**Visiting Speaker Seminar** Event sponsored by Dept of Accounting & MIS. Visiting Speaker Seminar. Arnie Wright, Boston College, will be presenting a paper on "Auditor Negotiations: An Examination of the Efficacy of Intervention Methods." Seminar begins at 2:00 p.m. Location: Room 1-06 Business Building.

### SEP 07 2002

**Saturday Walk** Meet garden horticulturist Don Spriggs at noon at the Shop In The Garden. Don will guide you through a beautiful tour of the Kurimoto Japanese Garden. Call (780) 987-2064, Devonian Botanic Garden, to book your spot and enjoy a fall walk! Regular admission rates apply. From 12:00 Noon.

### SEP 08 2002

**Traditional Tea Ceremony** Tea ceremonies will be hosted at the Ozawa Pavilion, which is an authentic Japanese Tea House set in the tranquil Kurimoto Japanese Garden. Sitings will be held at 1:30, 2:15 and 3:00. Maximum of four people for the 1:30 and 2:15 sitting and a maximum of 20 people for the 3:00 sitting. Cost \$5.00 per person. Regular admission rates apply. Tickets on a first come basis. Contact Visitor Services, Devonian Botanic Garden, at (780) 987-3054 for further information.

### SEP 09 - 13 2002

**Distinguished Visitor, Endowment Fund for the Future** Event sponsored by Department of Chemistry. Dr. James A. Ibers, Distinguished Visitor, Endowment Fund for the Future. Lecture 1. Monday, September 9, 2002, 7:00 p.m. in room V-107 "Some Perspectives on the Evolution of Structural Crystallography." Lecture 2. Wednesday, September 11, 2002, 11:00 a.m. in room Chemistry E3-25 "Solid-State Metal Chalcogenides: Syntheses, Structures, Properties." Lecture 3. Friday, September 13, 2002, 10:00 a.m. in room Chemistry E3-25 "Solution Chemistry of Main-Group and Metal Chalcogenides."

### SEP 12 2002

**Environmental Research and Studies Centre** Event sponsored by Environmental Research and Studies Centre. "Drought on the prairies: a warning for unsustainable development?" presented by Dr. David Schindler, Killam Memorial Professor of Ecology and winner of the 2001 Gerhard Herzberg Canada Gold Medal for Science and Engineering, Department of Biological Sciences. Location: 129 Education Building. 4:30 p.m.

### SEP 13 2002

**Department of Philosophy** Robert Wilson will speak on "The Inseparability Thesis and Phenomenal Intentionality." 3:00 p.m. Room 4-29 Humanities Centre.

### SEP 13 2002

**Frontiers in Biology Distinguished Lecture Series** Event sponsored by Department of Biological Sciences. Frontiers in Biology Distinguished Lecture Series. Dr. Thomas J. Silhavy, Warner-Lambert Parke-Davis Professor of Molecular Biology, Princeton University, will present "Coping with External Stress." The Seminar will take place at 3:30 p.m. in 327 Earth Sciences Building.

### SEP 13 - 18 2002

**Distinguished visiting speaker Ralph Jackson** Event sponsored by Vice President's office, Museums and Collections, and the Department of History and Classics. Distinguished visiting speaker Ralph Jackson. In connection to the official reopening of the Classics Museum at the U of A, Dr. Ralph Jackson, senior curator in the Department of Prehistory and Early Europe at the British Museum, will give the following lectures: Friday September 13th, 3:00 p.m., Tory Breezeway 1: 'Doctor and Patient in Ancient Rome' (Public Lecture). Monday September 16th, 7:00 p.m., Humanities Centre L-1, 'The Ribchester Hoard of Roman Military Equipment' (Lecture for the American Institute of Archaeology). Tuesday September 17th, 4:00 p.m., Tory 2-58, 'Healing in Roman Britain.' Wednesday September 18th, 4:00 p.m., Tory 2-58, 'A Roman Doctor's House in Rimini.' All are welcome.

### SEP 15 2002

**Department of Music** Faculty Recital. Russell Whitehead, trumpet. 8:00 p.m. Unless otherwise indicated Admission: \$5/student/senior, \$10/adult. Location: Convocation Hall, Arts Building, University of Alberta. Please note: All concerts and events are subject to change without notice. Please call 492-0601 to confirm concert information (after office hours a recorded message will inform you of any changes to our schedule).

### SEP 15 2002

**Fruit Growers Festival** Do you have lots of

apples this year or a blossoming orchard and want to either display your fruit or discuss apple and other fruit related topics with like minded people? Join us for our Fruit Growers Festival. Regular admission rates apply. Contact Visitor Services, Devonian Botanic Garden, at (780) 987-3054 for further information. From 11:00 a.m. to 4:00 p.m.

#### SEP 16 2002

**Department of Biological Sciences** The Molecular Biology and Genetics Research Group and Genetics 605 Seminar Series. Louis Du Pasquier, Basel Institute for Immunology, Zoological Institute, University of Basel, Switzerland, speaks on "Origin and evolution of the vertebrate immune system." 3:30 p.m. Location: M-149, Biological Sciences Building. Host: John Locke.

#### SEP 18 2002

**Department of Biological Sciences** The Molecular Biology and Genetics Research Group and Genetics 605 Seminar Series. Chris Amemiya, Virginia Mason Research Institute, Department of Molecular Genetics, Seattle, Washington, speaks on "Comparative genomics approach to problems in development and evolution." 3:30 p.m. Location: M-145, Biological Sciences Building. Host: B. Magor.

#### SEP 18 2002

**iCORE Distinguished Lecturer Series** Live by videolink (University of Alberta Telus Centre, Room 134), Dr. Mark Freeman will present, The physics of small in nanotechnology. LIVE LOCATION: Biosciences 587, University of Calgary. Happens at 4 p.m. Admission is free. Everyone welcome. This presentation will also be Web cast and available for desktop viewing within 24 hours of live presentation at <http://www.icore.ca>.

#### SEP 19 2002

**Department of Political Science** Professor Ralph Lerner, University of Chicago, will present the 2002 Annual Lecture in Political Science. Title: "Toqueville's Aristocracy in America." 4:30 p.m. Location: Humanities Centre Lecture Theatre 2.

#### SEP 20 2002

**Department of Biological Sciences** The Molecular Biology and Genetics Research Group and Genetics 605 Seminar Series. Vikram Misra, Department of Veterinary Microbiology, University of Saskatchewan, speaks on "Luman—a clue as to how Herpes Simplex Viruses sense stress in their hosts." Location: M-149, Biological Sciences Building. Time: 3:30 p.m. Host: Frank Nargang.

#### SEP 20 2002

**Department of Philosophy** Robert Wilson will speak on "Arguing About Group Selection: The Myxoma Case." 3 p.m. 4-29 Humanities Centre.

#### SEP 20 2002

**Educational policy in an era of globalization** Dr. Cecilia Reynolds, Associate Dean of Academic Programs at the Ontario Institute for Studies in Education at the University of Toronto, will present this lecture. In her latest book, *Equity and Globalization in Education* (2002), Reynolds and Alison Griffith have brought together a collection of essays by educational researchers and practitioners who are concerned about what globalization means for students, parents, teachers and school administrators. Reynolds will discuss Canadian and international trends which affect school policies and practices. This lecture is sponsored by the Celebrating Educational Policy Perspectives, a Graduate Student Conference offered by the Department of Educational Policy Studies. This lecture happens at 4:30 p.m. in 2-115, Education North.

#### SEP 20 - 21 2002

**Celebrating educational policy perspectives** This graduate student conference is offered by the Department of Educational Policy Studies. All Saturday sessions will be held on the 7th floor in Education North University of Alberta. Registration for the conference happens Friday 4:00-4:30, 2-115 Education North, or Saturday, 8:30am- 9:00am, 129 Education South.

#### SEP 21 - 22 2002

**Elizabeth Laishley Painting** Exhibition/Leonard Cohen Night Event sponsored by Department of Laboratory Medicine and Pathology, Faculty of Medicine. Elizabeth Laishley Painting Exhibition/Leonard Cohen Night. Calgary artist Elizabeth Laishley has been inspired by the songs of Leonard Cohen ever since she first heard the song "Suzanne" back in 1969. Since then the poetry and songs of Leonard Cohen became a backdrop throughout varied phases of her life and artistic career. In 1998 she started painting visual interpretations based on his works, producing 32 paintings of

Leonard Cohen songs to this date. Her works have been shown in exhibitions in Calgary at the Centre Gallery, the Jewish Centre and in Red Deer at the District Museum. Her compositions are being gathered into a book called "Homage to Leonard Cohen," which will be launched for the first time at the September event. We are proud to feature her paintings at the Telus Centre on September 21st and 22nd. Elizabeth will be on hand to talk about her art and sign reproductions of her canvases and copies of her book. The separate free exposition of her work and book signing will be held on Sunday Sept. 22nd from 1-5 p.m. Tickets for the main Leonard Cohen Night event 7-11 p.m. Sept. 21, 2002 <http://www.leonardcohenights.org/> are available at 407-6862 or via Email request at [leonardcohenights@hotmail.com](mailto:leonardcohenights@hotmail.com). Painting images can be seen at : <http://www.leonardcohenights.org/> enthusiasts/art.htm Location: Telus Centre for Professional Development. Running Sept. 21, 2002 to Sept. 22, 2002.

#### SEP 21 - 22 2002

**Leonard Cohen Night** Event sponsored by Department of Laboratory Medicine and Pathology, Faculty of Medicine. Leonard Cohen Night. In the spirit of Robert Burns Nights, the first annual Leonard Cohen Night event will be held at Edmonton's Telus Centre on Saturday, September 21, 2002, 7-11 p.m. to celebrate the life and art of one of Canada's foremost singer-songwriters. In addition to the Edmonton event, a simultaneous Leonard Cohen Night will take place in Leicester, UK the same night, and another one, in Toowoomba, Queensland, Australia, the preceding weekend. A video simulcast will connect the Leicester and Edmonton festivities in a transatlantic celebration. Activities planned for the evening include musical and spoken-word performances, an art exhibit featuring the Cohen-inspired paintings of Calgary artist Elizabeth Laishley and Leonard Cohen's signature drink, the Red Needle. In Edmonton, special guest Suzanne Holland will re-create the musical performance of the recent Leonard Cohen Experience in Hydra, Greece. Location: Telus Centre for Professional Development. For more information, visit <http://www.leonardcohenights.org> or contact Eve Bohakel at [cohen2002@hotmail.com](mailto:cohen2002@hotmail.com) You may also contact Eve Bohakel at 502.634.8283 or 1.800.997.6790, code 20.

#### SEP 22 2002

**Department of Music** Music at Convocation Hall. Voicescapes. Julie Harris and Christina Jahn, soprano with guest altos Jerald Fast and John Brough, tenors Paul Grindlay and Leonard Ratzlaff, bass Victor Coelho, lute Neil Cockburn, organ, English madrigals, rounds and catches from late 16th and 17th centuries. Admission: \$12/adult, \$7/student/senior. 3:00 p.m.

#### SEP 18 - 28 2002

**Pentecost by Stewart Parker** Event sponsored by Studio Theatre. "Pentecost by Stewart Parker." Studio Theatre proudly presents, as its first production of the 2002-2003 season, the Canadian premiere of Pentecost by the late Irish playwright Stewart Parker, directed by MFA (Directing) candidate, Mark Henderson. Tickets available at Timms Centre Box Office, 87 Avenue and 112 Street, 492-2495. Tuesday to Friday, September 10-28, Noon-5:00 p.m. \$5 Preview: September 18, 8:00 p.m. Evening Performances: 8:00 p.m.; Matinee: September 26, 12:30 p.m. Location: Studio Theatre-Timms Centre for the Arts. Running September 18 to 28.

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The 14<sup>th</sup> McDonald Lecture  
in Constitutional Studies

## What Is a Good Constitution Good For?

by

**FRANK I. MICHELMAN**

Robert Walmsley University Professor,  
Harvard University

**Thursday, September 19, 2002**  
**7:00 p.m.**

McLennan Ross Hall (Rm 231/237)

Faculty of Law  
University of Alberta  
Edmonton, Alberta

For further information, please call 492-5681.

Frank Michelman has taught at Harvard Law School since 1963. He is the author of *Brennan and Democracy* (1999), and has published widely in the fields of constitutional law and theory, property law and theory, local government law, and jurisprudence. Professor Michelman is a former President of the American Society for Political and Legal Philosophy, and a fellow of the American Academy of Arts and Sciences.

Professor Michelman's work has had a monumental impact on generations of constitutional thinkers both in the United States and internationally. Over the past several years, he has engaged in many discussions on matters of constitutionalism in South Africa.

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# The Alberta Heritage Foundation for Medical Research

is delighted to announce the results of the 2002 Health Research Fund competition.

*"Why do some hip and knee replacement surgeries not work? What is the long-term outcome for people who attempt suicide? What kind of information do cancer patients look for when they seek complementary therapies?"*



Better health now and in the future demands answers to questions like these and many others. The Alberta Heritage Foundation for Medical Research, on behalf of Alberta Health and Wellness, is helping to provide the ways to answer them through the Health Research Fund\*.

Health Research Fund projects study aspects of health services, population health, mental health and health technology assessment. This year, \$1,415,500 has been awarded to 16 research teams throughout the province conducting two-year projects. A further \$747,500 has been released to researchers conducting on-going projects approved in last year's competition.

## Congratulations to:

**Donald Addington,**  
Faculty of Medicine, UC

**Sandra Doze,**  
Crossroads Regional Health Authority

**Laura Ghali,**  
Faculty of Medicine, UC

**Barry Hall,**  
Faculty of Social Work, UC

**Vivien Hollis,** Faculty of Rehabilitation Medicine, UA

**Philip Jacobs,**  
Faculty of Medicine,  
UA/Institute of Health Economics

**Bill Johnston,**  
Capital Health Authority

**Lynn Meadows**  
Faculty of Medicine, UC

**Katharine Moore,**  
Faculty of Nursing, UA

**Donald Morrisey,**  
Faculty of Medicine and Dentistry, UA

**Stephen Newman,**  
Faculty of Medicine and Dentistry, UA

**Ambikaipakan Senthilvelan,**  
Faculty of Medicine and Dentistry, UA

**John Spence,** Faculty of Physical Education and Recreation, UA

**Olive Triska,** Faculty of Medicine and Dentistry, UA

**Willis Tsai,**  
Faculty of Medicine, UC

**Marja Verhoeven,**  
Faculty of Medicine, UC

\*AHFMR administers the Health Research Fund through a contract with Alberta Health and Wellness

UA means University of Alberta  
UC means University of Calgary

For more information about these awards, including how and when to apply, and for general and funding information on AHFMR, contact:

AHFMR  
Suite 1500, 10104 – 103 Avenue  
Edmonton, Alberta, T5J 4A7

**Phone:** (780) 423-5727  
**E-mail:** postmaster@ahfmr.ab.ca

A full list of new and ongoing projects is available on our web site: [www.ahfmr.ab.ca](http://www.ahfmr.ab.ca)

# positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPP). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

## DEAN FACULTY OF EXTENSION

The University of Alberta has a driving vision, shared by the Faculty of Extension: to be indisputably recognized, nationally and internationally, as one of Canada's finest universities and among a handful of the world's best.

The Faculty of Extension has a strong mandate from the University of Alberta with general responsibility for life-long learning and outreach, and special responsibility to serve learners whose needs are not met through other academic programs. Leadership in the adoption of new academic technologies for learning and ongoing development of programming for the new TELUS Centre for Professional Development are key university-wide responsibilities. With more than 120 staff, 15.5 of which are tenure-track academic appointments, and an annual gross expenditure budget of \$14 million, the faculty realizes its mandate through a broad range of programs and services. These include a graduate degree in Communications Technology, more than 30 other credential-bearing programs, an array of personal development offerings, specialized online and community-oriented services, and additional technical assistance and research services. The faculty operates from two modern and technologically advanced facilities on campus: the University Extension Centre and the new TELUS Centre for Professional Development.

The Dean's primary task will be to initiate, lead and facilitate active engagement of the faculty with other faculties and with numerous external communities. S/he provides leadership to the faculty and supports its 13 academic and administrative units. This involves creation, development and maintenance of an environment in which the mission and vision of the University are supported at the faculty level. The Dean's success will substantially depend on his or her abilities to work in an environment of ongoing co-operation and partnership, and the ability to convey the vision and mandate of the faculty to the University both internally and externally. The Dean must also be able to work effectively within a cost-recovery environment and advance the faculty's research culture.

The Dean reports to the Provost and Vice-President (Academic) and is responsible for the supervision and administration of the academic program, budget and all activities of the faculty. Candidates should have a demonstrated capacity for collegial leadership, a well-developed appreciation of life-long learning, strong academic qualifications, proven administrative ability and must be committed to excellence in teaching and research.

The appointment will take effect July 1, 2003 or as soon as possible thereafter. Written nominations or applications, accompanied in the latter case by a résumé of qualifications and experience, and the names of three referees, should be submitted by September 30, 2002 to Dr. D.R. Oram, Provost and Vice-President (Academic), 2-10 University Hall, University of Alberta, Edmonton, Canada, T6G 2J9, or by electronic mail to provost@ualberta.ca.

For additional information see [www.extension.ualberta.ca/deansearch](http://www.extension.ualberta.ca/deansearch).

## RESEARCH ASSOCIATE CHEMICAL AND MATERIALS ENGINEERING

As part of the research program that is being conducted under the NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology, we are seeking a candidate for the position of research associate. The candidate should have combined expertise in chemical engineering, coal cleaning and combustion technology, and coal combustion emission control. Strong background in chemistry, in particular in analytical chemistry will be an asset. The candidate must have a high level of physical understanding of coal combustion emission. The candidate should have demonstrated research independence with minimum supervision and have published in prestigious learned journals. The position is available for an initial one-year period. Interested candidates should apply prior to December 1, 2002, directly to: Professor Zhenghe Xu, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, T6G 2G6.

## ASSISTANT PROFESSOR CHEMICAL AND MATERIALS ENGINEERING

Applications are invited for a tenure-track faculty position at the assistant professor level in the general areas of energy and/or energy and the environment. The position is currently open and will be filled as soon as possible. Candidates must either hold a PhD in chemical engineering, or related field, or expect to receive one shortly after taking up their appointment. Successful candidates will be expected

to establish viable and productive research programs, and teach both graduate and undergraduate courses. The position is intended to complement our current strength in utilization of fossil energy resources and interfacial phenomena. One component of the research program will be airborne toxin emission control from coal combustion, to complement an NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology. For information about our department, please consult our Web site at <http://www.ualberta.ca/CMENG>. A résumé, the names of three confidential references, and a statement of current research interests and plans for future research should be sent to: Dr. J. Forbes, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, T6G 2G6. Applications are requested prior to December 15, 2002.

## FACULTY SERVICE OFFICER ELECTRICAL AND COMPUTER ENGINEERING

The department of electrical and computer engineering is seeking one full-time Faculty Service Officer (FSO). The department currently has 48 faculty members and will be expanding to 60 over the next two years. Two new buildings, including a full nano-fabrication facility, serve teaching and research needs of the department. Information regarding department programs, faculty and facilities can be found at <http://www.ee.ualberta.ca>. Candidates must have earned a MSc or PhD and have a strong commitment to teaching.

In general the FSO is responsible for:  
Lecture and Laboratory delivery in the existing undergraduate program. Particular needs exist in computer programming (C/C++)

Course content development (lectures, web materials, exams and assignments)

Course delivery and laboratory co-ordination, including supervision and training of teaching assistants, maintenance of Web sites, newsgroups, tutorials and student advice.

It is anticipated that the FSO will participate in a meaningful way in research projects within the department.

Starting Date: Winter, 2003

Applicants are invited to submit their curriculum vitae including employment history, a statement concerning research and teaching interests and the names of at least three referees to:

Dr. W. Pedrycz  
Chair, Department of Electrical and Computer Engineering  
The University of Alberta  
Edmonton, Alberta, Canada, T6G 2V4  
Deadline: September 13, 2002.

## THE UNIVERSITY OF ALBERTA PRESS ACQUISITIONS EDITOR

The University of Alberta Press (UAP) invites applications for an experienced editor to acquire and edit trade, academic, and scholarly titles in Humanities, Social Sciences and other academic disciplines. The UAP strives to publish quality books that bring recognition and prestige to their authors, the Press and the University. The acquisitions editor reports to the director and functions as a member of the Press management team, assisting with the further development of a focused publishing program.

Candidates should have graduate training and/or several years experience as a book editor that includes acquisition experience. Responsibilities include soliciting and developing projects, evaluating unsolicited proposals, guiding promising projects through the peer review process, presenting projects to the Press Committee, negotiating contracts, developing grant applications and preparing manuscripts for copyediting and production while operating within Press budgets, policies, procedures and processes.

The candidate will possess excellent English oral and written communication skills, be computer literate and experienced with a variety of platforms and programs, have the ability to handle a wide variety of tasks within specified timelines, and a willingness to travel to relevant academic conferences.

This is a full-time temporary Administrative/Professional Officer position (subject to renewal) with a salary range of \$38,900 to \$63,000. The closing date for applications is September 13. Please send your application, supported with three letters of reference, to Ms. Linda Cameron, Director, University of Alberta Press, Ring House 2, University of Alberta, Edmonton, Alberta, T6G 2E1.

A H F M R

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# notices

Please send notices attention Folio, 6th floor General Services Building, University of Alberta, T6G 2H1 or e-mail public.affairs@ualberta.ca. Notices should be received by 3 p.m. one week prior to publication.

## ADVISORY SEARCH COMMITTEE FOR PROVOST AND VICE-PRESIDENT (ACADEMIC): ACADEMIC STAFF NOMINATIONS

On June 28, 2002, University of Alberta President Rod Fraser was advised of Dr. D. O'wram's decision to conclude his term as Provost and Vice-President (Academic), effective June 30, 2003. The President has now initiated the process for a search for a new Provost and Vice-President (Academic).

The composition of the Advisory Search Committee for Provost and Vice-President (Academic) includes three members from Categories A1.1, A1.5, or their counterparts in A1.6, who do not hold administrative positions as defined in Section 22.3.2.4 of the GFC Policy Manual, elected by the faculty [50 in number as of 1995] and the academic staff representatives [five in number as of 1990] on GFC. Staff who are on leave are not eligible to serve. Nominees must also be agreeable to standing for election to the Advisory Search Committee.

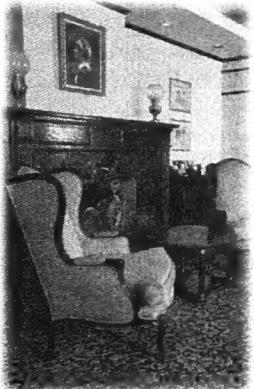
Dr. Fraser will chair the meetings of the Advisory Search Committee that already have been scheduled on the following days: Thursday, November 14, 2002 (9 a.m. - 12 p.m.); Thursday, January 9, 2003 (9 a.m. - 12 p.m.); Thursday, February 6, 2003 (9 a.m. - 12 p.m.); Wednesday, February 26, 2003 (9 a.m. - 4 p.m.); and Thursday, February 27, 2003 (9 a.m. - 4 p.m.). A wrap up meeting of the Advisory Search Committee will be held on Thursday, March 20, 2003 (10 a.m. - 12 p.m.). (It should be noted there may be additional meetings.)

Written nominations supported by the signatures of five (5) members of the continuing full-time and/or part-time academic staff (not including the nominee) should be submitted to the Acting Director of the University Secretariat, Garry Bodnar, 2-5 University Hall. Nominations must be received by 4 p.m. Friday, September 20, 2002.

The composition of this Advisory Search Committee for Provost and Vice-President (Academic), and the nomination and election procedures, are available in the University Secretariat (2-5 University Hall) and through the University Secretariat's website located at [www.ualberta.ca/~unisecr/policy/sec102.html](http://www.ualberta.ca/~unisecr/policy/sec102.html).

If you have any questions about eligibility to serve or to nominate, please call Garry Bodnar at local 2-4733.

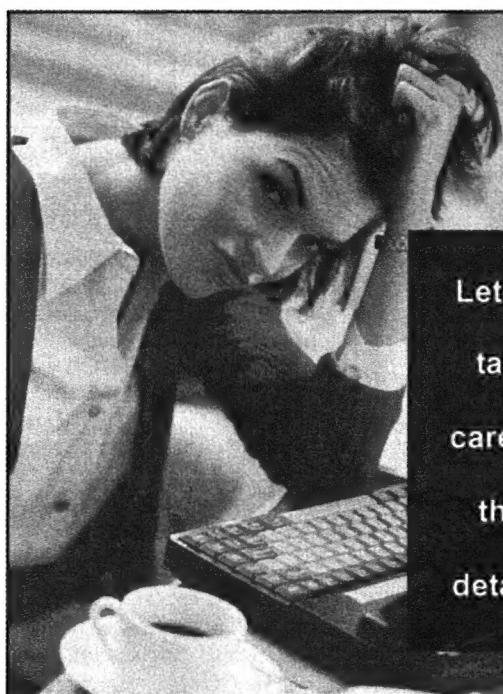
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# Reunion 2002



## EVERGREEN & GOLD — OCTOBER 3 TO 6

All alumni, faculty, and staff are invited to join in the University of Alberta's annual reunion event.

For more information or to register go to our website at [www.ualberta.ca/alumni/reunion](http://www.ualberta.ca/alumni/reunion) or call the Office of Alumni Affairs at 780 492-3224 or 1-800-661-2593 (toll-free in Canada and U.S.).

## EVENTS

### Thursday, October 3

#### Alumni Pride Awards Ceremony & Reception

Time: Ceremony: 5 - 6:30 p.m.  
Reception: 6:30 - 7:30 p.m.  
Place: Myer Horowitz Theatre, Students' Union Building

Join us at a gala ceremony where recognition will be given to 33 alumni who have distinguished themselves in areas such as business and politics, advances in science and medicine, accomplishments in athletics and the arts, and service to the global and local communities

### Friday, October 4

#### University of Alberta Annual General Meeting

Time: 7:15 - 9 a.m. (includes breakfast)  
Place: Westin Hotel

Join Edmonton business and community leaders – and many of your alumni colleagues – for the University of Alberta's Annual General Meeting. In a dynamic, 30-minute program, the University reports to the community about some of its outstanding

achievements and challenges of the past year, and plans for the future.

#### Chancellor's Reception

Time: 7 - 10 p.m.  
Place: Salon 8, Shaw Conference Centre

Meet your classmates for an evening of reminiscing. Enjoy a light hors d'oeuvres buffet, cocktails (cash bar), and the company of fellow alumni in a relaxed setting.

### Saturday, October 5

#### Reunion Breakfast

Time: 8 - 10 a.m.  
Place: Alumni Lounge, Students' Union Building

Saturday is an event filled day and what better way to start it off than to meet your friends for a light breakfast of pastries, fruit, cheese, juice, coffee, and tea.

#### Campus Tours

Time: 8 - 11 a.m.  
Place: Meet at the information booth Students' Union Building

If it has been a while since you've been back to campus, you may notice things have

changed. Take advantage of these free walking and bus tours to re-familiarize yourself with campus. Tours will leave on the hour and the half-hour.

#### Faculty Open Houses

Time: 10 a.m. - noon

Place: Campus-wide

#### Reunion Lecture

Time: 12:30 - 1:30 p.m.

Place: TELUS Centre

A visit back to campus wouldn't be complete without an opportunity to stimulate your mind. Join fellow alumni to hear Dr. John V. Byrne, President Emeritus of Oregon State University and internationally renowned researcher on the public university of the future. He will address the topic "Are Traditional Universities Obsolete?"

#### Alumni Classic Football Game

Time: 2 p.m.

Place: Foote Field

Come out to cheer on the U of A Golden Bears as they take on the University of Saskatchewan Huskies (we'll supply the pom-poms). Meet your friends in the Alumni Lounge where you can watch the game in comfort.

#### Gala Dinner & Dance

Time: Cocktails: 6 p.m. / Dinner: 7 p.m.  
(Dance to follow)

Place: Shaw Conference Centre

Put on the ritz and celebrate your reunion in style at the most glamorous Reunion 2002 event. Enjoy the camaraderie and nostalgia of this special evening celebration. After dinner, dance to the sounds of a live band or continue to reminisce with your friends while enjoying an after-dinner liqueur or specialty coffee.

### Sunday, October 6

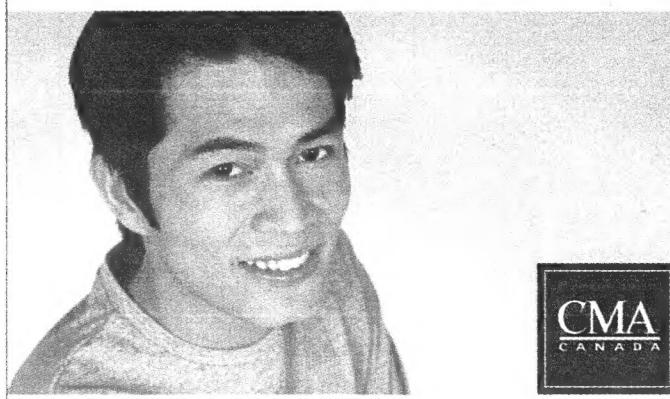
#### President's Brunch

Time: 11 a.m.

Place: Crowne Plaza Chateau Lacombe

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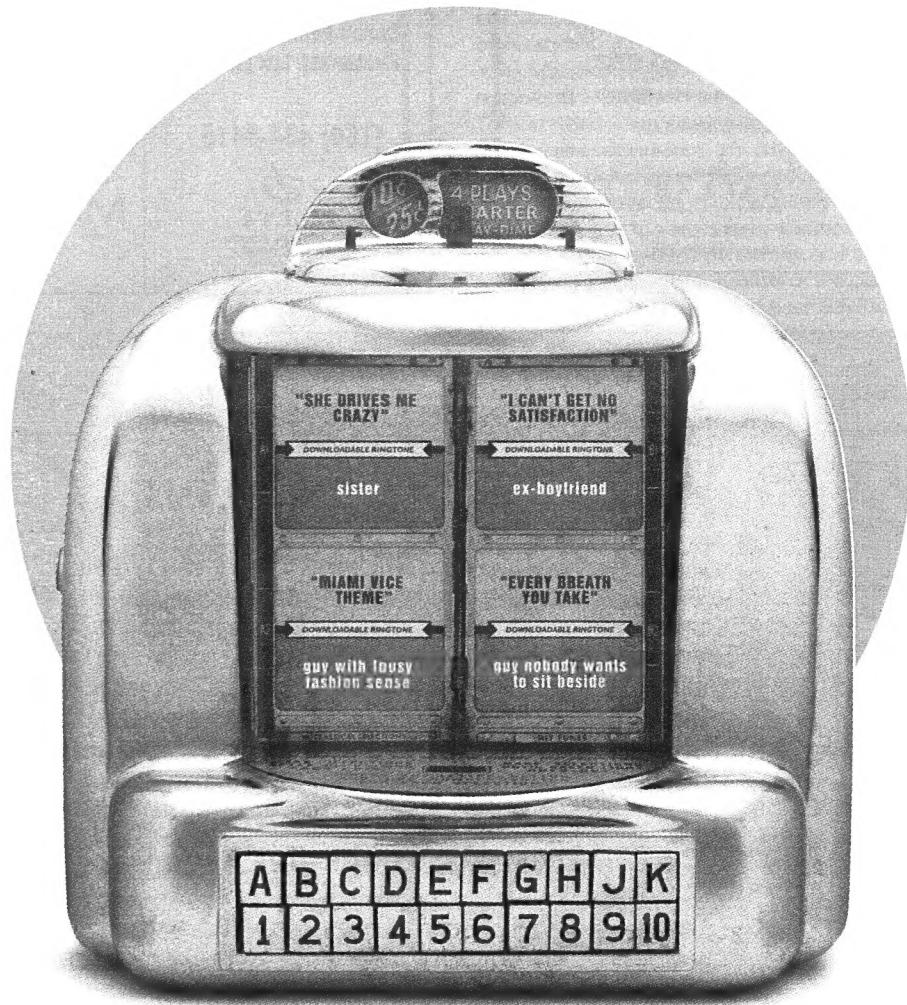
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# Bison skull site could be on par with Head Smashed-In

**Anthropology students break ground at new field school**

By Richard Cairney



Twenty U of A anthropology students meticulously probed the earth for artifacts at the new Bodo Bison Skull Site field school this summer. The site has yielded artifacts that may be up to 4,000 years old.

A University of Alberta anthropology professor has uncovered an Aboriginal hunting and camping site he believes is of equal importance to southern Alberta's famous Head Smashed-In Buffalo Jump.

Dr. Terry Gibson says the Bodo Bison Skull Site, located about 350 km southeast of Edmonton near the small prairie town of Bodo, has yielded artifacts that may be up to 4,000 years old.

"The site was obviously very heavily used during the last 1,000 years," said Gibson. "But we've also found materials that are possibly 3,000 or 4,000 years old."

Gibson first visited the site in 1995 as a private consultant. Oil and gas companies called Gibson's firm on several occasions to investigate bison bones they'd dug up. The area's rich history revealed itself over repeated visits.

"When I first found the site I thought 'that's pretty neat' but I kept coming back to it and started thinking 'yeah, it is a really good site' and eventually I realized there had to be a research component to the site," he said. "Every time I go back I find it more interesting and complex. It is certainly the largest and most complex site I have dealt with."

So, starting at the U of A as an adjunct professor this spring, Gibson headed up the inaugural summer session at the Bodo Bison Skull Site field school. Working for about a month, Gibson and 20 anthropology students gingerly probed the area's sandy topsoil, which consistently yielded artifacts such as arrowheads and other stone tools. No human remains have been uncovered at the site.

Gibson believes Blackfoot and Cree peoples used the area to herd bison into man-made pounds, or trapped them within the area's many sand dunes. The beasts were then killed with bows and arrows and butchered.

The site is a well-preserved snapshot of what life was like in Alberta before Aboriginals came in contact with Europeans, Gibson said.

Besides telling the story of Alberta's history, the site is also a valuable classroom for anthropology students. Melanie Crisfield, who earned a degree in anthropology this spring, said the field school was an enriching experience.

"It was amazing," said Crisfield, who uncovered bone fragments, arrowheads and rock scrapers, used to remove fur from hides. Unearthing such artifacts instills students with a sense of awe, she said.

"You always have this curiosity about who these people were, what they looked like, what they were doing, even what their names were," she said. "You are getting an idea of how they were living . . . it was a different feeling."

It was also valuable experience for Crisfield, who hopes to take on post-graduate work in archaeology. "You have to be out there doing this work to actually understand it, and I learned a lot," she said. "It was the first field school I'd been to, and I learned how to dig, how to draw stratigraphic maps, and how to live in a camp with 20 people for four weeks."

Efforts are underway at the provincial level to protect the area, which covers a few hundred hectares of land, some of which is provincial Crown land and some owned privately. The trouble is, the site's boundaries are expanding all the time.

"The site is so big that every time we go there we find something new and it changes our interpretations. Our boundary keeps getting larger—even this summer with the university's field school we extended the boundary somewhat. We really don't know how large the site is—it keeps changing in character."

Gibson's goal now is to raise awareness of the site and lobby for its protection. Agriculture, industry and development activities have ruined similar sites, making the preservation of Bodo all the more important. "It is one of the last such areas still intact in the locality, and one of the few in Western Canada." ■

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# Let's get ready to tumble

**World's best bounced around the Butterdome**

By Collin Gallant

**U**p, down. Pretty boring, huh? Try throwing in flips, twirls, flits and flutters reaching heights of up to 25 feet. Skilled aerialists from the world over gathered in the Universiade Pavilion for the World Cup of Tumbling and Trampoline August 15-17, flying through the air with apparent ease.

In individual trampoline competition, athletes are awarded points on the precision and difficulty of their routine. Synchronized trampoline is akin to synchronized swimming, where partners are judged on the compatibility of their movements.

Trampoline became a medal sport in time for the 2000 Sydney Summer Games where Toronto's Karen Cockburn, now 22, won bronze in the inaugural women's individual event.

"It's a pretty friendly sport," said Cockburn, a business student at York University who impressed audiences and judges here. "We get together about four or five times a year and see everybody."

At Edmonton Cockburn earned a close second-place finish in the women's synchronized event with partner Heather Ross-McManus. The duo went head-to-head in the individual trampoline final. Cockburn placed fourth, while Ross-McManus finished sixth.

"It's competitive for sure," said Ross-McManus, 29. "You go against your team mates but you still hope that they do well. If any of us do well it looks better for Canada and better for the sport."

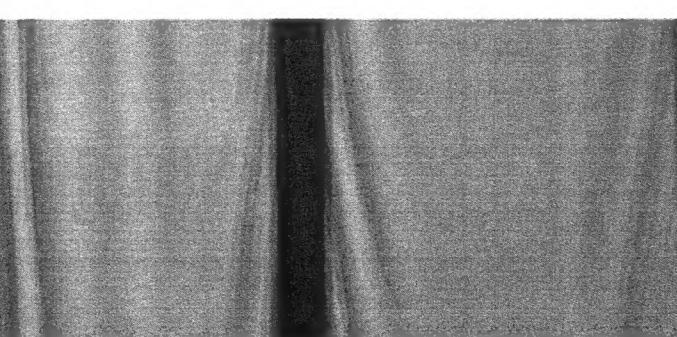
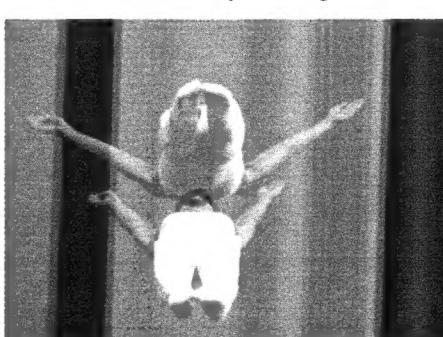
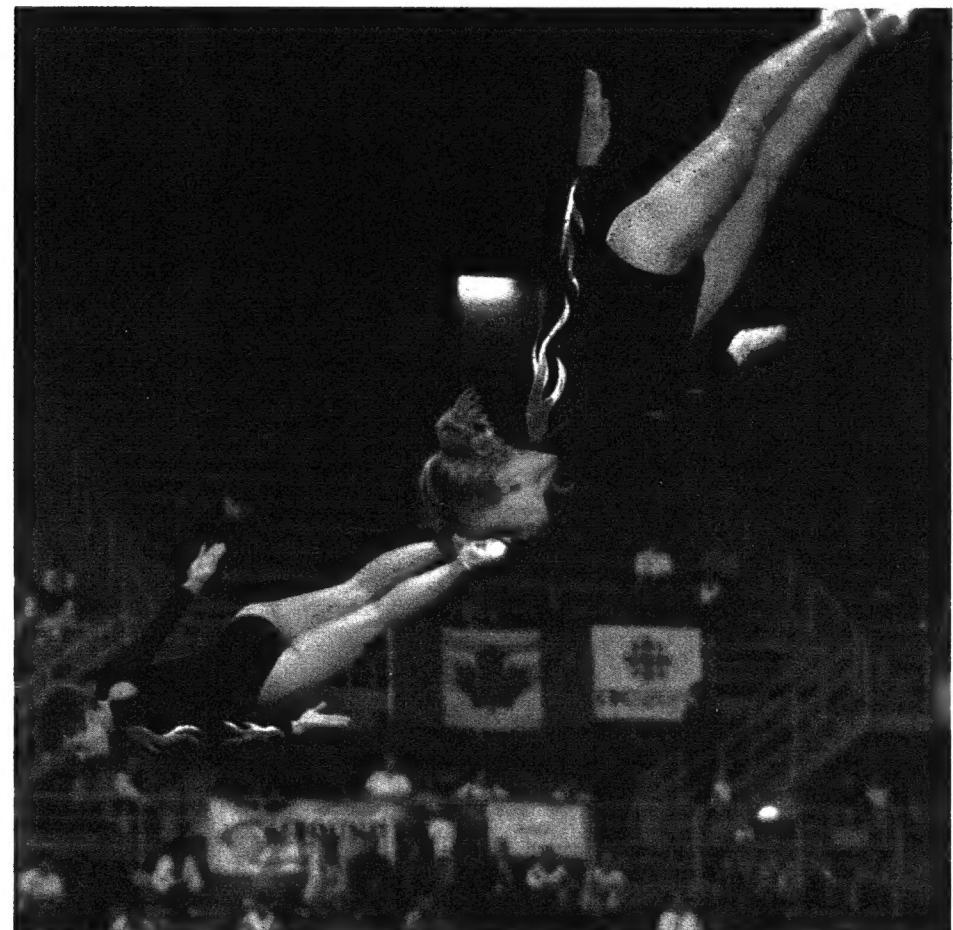
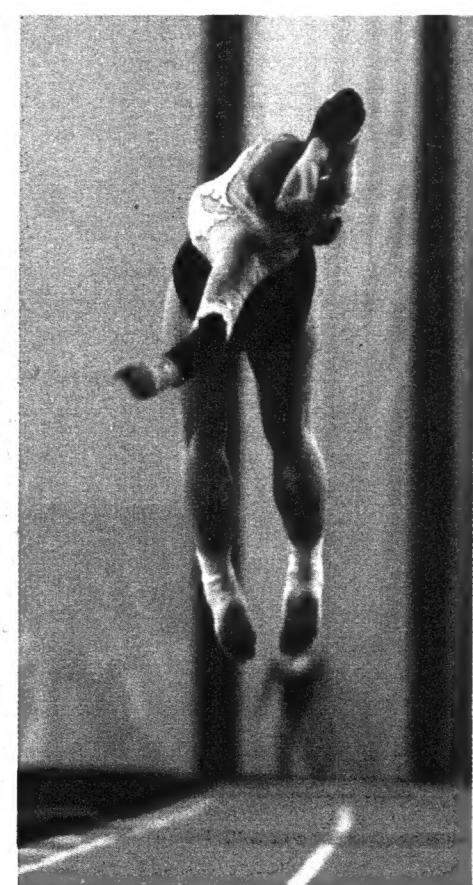
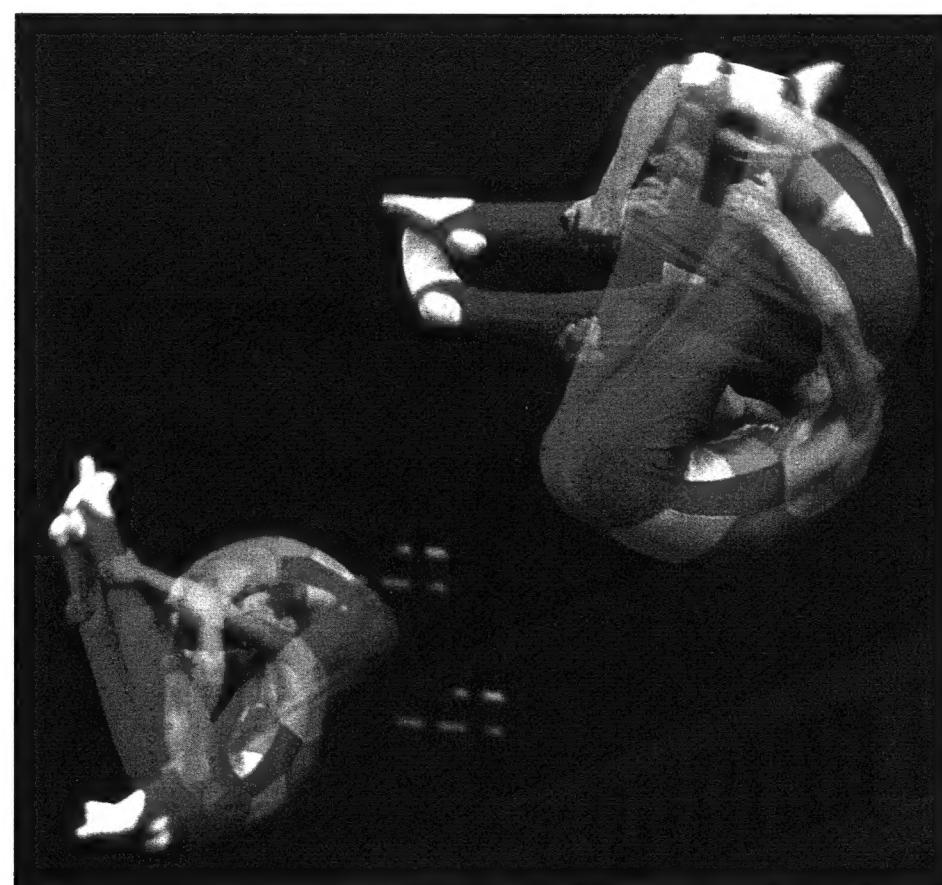
Canadian coach and tournament co-chair Trish Quinney who coached U of A gymnastics teams to several national championships up to the early 1990s, was impressed by the calibre of athletes at the event.

"The real benefit of holding events like this is that our young athletes have a chance to see world class jumpers," said Quinney, now a head coach at the Phoenix Gymnastics club, a sponsor of the event.

"All my students were in the stands," said Quinney. "It's great when you can bring the best to the local level and show kids what's possible."

Up-and-comers can see what's possible as athletes employ their skills in some unlikely occupations.

The Double-mini trampoline event combines elements of both tumbling and trampolining. Canadian Adam Menzies, who finished second, used to make slam dunks look easy, coming off a



mini-trampoline to rile up the crowd at Vancouver Grizzlies basketball games.

Another Canadian, tumbler Neisha Davis, currently shows her moves between innings at Blue Jays games at the SkyDome in Toronto.

After the World Cup competition concluded, the final day was reserved for a Youth Open meet, in which local gymnasts competed under the bright lights of the Butterdome.

The tournament was the fourth of the sport's six-event World Cup schedule, which concludes in November with the World Championships in Hanover, Germany. ■

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